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University of Kentucky

Analyses of Commercial Fertilizers

BULLETIN NO. 251



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BULLETIN NO. 251

ANALYSES OF COMMERCIAL FERTILIZERS

BY H. E. CURTIS, H. R. ALLEN AND LELAH GAULT.

This Bulletin gives the names of all brands of fertilizer registered in this State during the year 1923, the names of the manufacturers, and the official analyses.

Those interested in the use of fertilizers for different crops should apply to the College of Agriculture, the Experiment Station, or to their County Agent, and such literature as bears on the subject in which they are interested will be furnished. Bulletin No. 228 of the Experiment Station, showing the results obtained on the soil experiment fields, is of special interest to all users of fertilizers.

Samples Analyzed

There were registered during the year a total of 803 brands of fertilizer as follows:

Complete fertilizers, containing all three of the essential ingredients—phosphoric acid, nitrogen and potash	423 brands
Nitrogenous superphosphates	105 brands
Acid phosphate and potash mixtures.....	95 brands
Acid phosphates	115 brands
Bones, tankage, etc.	51 brands
Nitrate of soda.....	8 brands
Ammonium sulfate	2 brands
Potash salts	4 brands

There were 750 samples of fertilizer collected by our inspectors and sent in by various persons in the State, which have been analyzed, in addition to the official samples. These analyses are to be found in the following pages, and have been divided into two groups—The first group, Table I, contains all analyses that are considered satisfactory, either because the analyses run high in all respects, or the deficiency in one ingredient is fully met by the excess in another. The second group, Table II, contains those analyses that are considered deficient.

As has been our custom in the past, we have shown an index of relative value for the purpose of comparison. The following factors have been used in computing these values:

Available phosphoric acid in mixed fertilizers.....	1.5
Available phosphoric acid in acid phosphates.....	1.2
Insoluble phosphoric acid in mixed fertilizers.....	0.4
Phosphoric acid in bone.....	0.8
Nitrogen in all fertilizers.....	6.0
Potash in all fertilizers.....	3.0

Explanation of the Tables

In the tables of analyses, following the name of each brand, will be found the analysis of such samples as have been collected by our inspectors, sent in by farmers, or furnished by the manufacturers, and the manufacturer's guaranty, printed last in italic figures. In Table II the figures set in bold face type are those results which are considered too low to be acceptable. In a number of cases the same brand of fertilizer will be found in both Tables, I and II—in which case they are marked in each table with a (†) dagger.

In Table I there are a number of analyses that, notwithstanding they are considered good enough to be placed in Table I, have objectionable features to which we desire to call attention: There are quite a number of cases where the potash is guaranteed from sulfate and all the analyses made of some of these brands showed the potash to be from muriate—no sulfate whatever having been used. Four or five companies, one especially, have too many analyses of this class.

It will be noticed in Table II that there are a number of analyses that have been put in this table on account of the deficiency in total phosphoric acid. This comes from attempting to show a large amount of insoluble phosphoric acid in addition to the guaranty of available phosphoric acid, and, on account of this tendency to show a larger percent of insoluble phosphoric acid than the goods contain, it has been deemed advisable to classify them among the deficient brands of fertilizer, hoping in this manner to induce the manufacturers to change these large guarantees of 4% or 5% insoluble phosphoric acid to 1% or 2%.



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TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	A. D. Adair and McCarty Brothers, Inc., Atlanta, Ga., and Chattanooga, Tenn.	
65362	Adair's Soluble Pacific Guano	Manufacturer..... Guaranteed.....
66124	Adair's High Grade Acid Phosphate No. 16	J. W. Ramsey, Eubank..... Guaranteed.....
65364	Old Glory Mixture	Manufacturer..... Guaranteed.....
65429	Adair's Standard Tobacco Grower	Manufacturer..... Guaranteed.....
65574	Adair's High Grade Potash Compound	Manufacturer..... Guaranteed.....
65582	Adair's Formula	Manufacturer..... Guaranteed.....
66146	Adair's High Grade Blood and Bone Guano	Manufacturer..... Guaranteed.....
66323	Adair's High Grade Complete Fertilizer No. 765	Manufacturer..... Guaranteed.....
	The American Agricultural Chemical Co., Inc., Cincinnati, Ohio	
65599	†A. A. C. Special Tobacco Grower	J. R. Davis and Bro., Campbellsville..... F. H. Gordon, Richmond..... Guaranteed.....
65891		
65600	†A. A. C. Kentucky Tobacco Grower	John McCarley Hardware Co., Hopkinsville..... Guaranteed.....
65602	A. A. C. Ground Bone	J. E. and Orval Cooper, Poynter..... The Wm. Addams Co., Cynthiana..... Skaggs and Nunn, Horse Cave..... T. E. Richardson, Campbellsville..... Lindsey, Orr and Co., Elkton..... J. R. Davis and Bro., Campbellsville..... Guaranteed.....
65893		
66149		
66150		
66151		
66325		
64893	A. A. C. High Grade Bone and Potash	Manufacturer..... Guaranteed.....
64894	A. A. C. Tobacco and Truck Fertilizer	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
11.15 10.00	3.55	14.70			1.02	1.82 1.65	2.21 2.00	2.48 2.00		36.5 30.9	65362
18.60 16.00	1.30	19.90								22.3 19.2	66124
10.00 9.00	2.05	12.05			1.77	2.06 1.65	2.50 2.00	3.38 3.00		38.3 32.4	65364
9.45 8.00	1.95	11.40			0.49	1.99 1.65	2.42 2.00	2.44 2.00		34.2 27.9	65429
11.65 10.00	0.60	12.25						4.29 4.00		30.6 27.0	65574
11.05 10.00	2.60	13.65						2.43 2.00		24.9 21.0	65582
12.35 10.00	0.80	13.15			1.77	2.67 2.47	3.24 3.00	4.00 3.00		46.9 38.8	66146
7.65 7.00	0.90	8.55			4.98	5.40 4.94	6.56 6.00	6.34 5.00		63.3 55.1	66323
11.10 11.50 10.00	1.20 1.35 4.00	12.30 12.85 14.00			1.35 1.19	1.69 1.61 1.65	2.05 1.95 2.00			27.3 27.5 26.5	65599 65891
8.15 8.00	2.05 4.00	10.20 12.00			1.33	1.67 1.65	2.03 2.00	2.28 2.00		29.9 29.5	65600
		28.80	90	10	0.37	1.70	2.06			33.2	65602
		28.80	100		0.56	1.89	2.29			34.4	65893
		30.10	80	20	0.32	1.72	2.09			34.4	66149
		28.50	85	15	0.38	1.95	2.37			34.5	66150
		28.90	86	14	0.29	1.79	2.17			33.9	66151
		28.10	86	14	0.49	1.92	2.33			34.0	66325
		27.00				1.65	2.00			31.5	
10.60 10.00	0.80 2.00	11.40 12.00						5.07 5.00		31.4 30.8	64893
8.50 8.00	1.50 4.00	10.00 12.00			1.26	1.64 1.65	1.99 2.00	6.05 5.00		41.3 38.5	64894

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chemical Co.	
96152	A. A. C. Co., Basic Lime Phosphate (Containing 30% Lime)	E. S. Ferrell and Sons, Buffalo.....
66326		J. P. Strother, Milton.....
		Guaranteed.....
66153	Bowker's Soluble Bone	T. E. Richardson, Campbellsville.....
		Guaranteed.....
65605	Bowker's 16% Acid Phosphate	Mayhew and Gilbert, Franklin.....
65606		L. B. Sievers and Son, Somerset.....
65895		Estes and Hines, Science Hill.....
66154		Gooch and Payne, Eubank.....
66155		Bradshaw and Hagan, Tompkinsville.....
66156		T. E. Richardson, Campbellsville.....
		Guaranteed.....
64897	Bowker's Dissolved Bone with Potash	Manufacturer.....
		Guaranteed.....
66157	†Bowker's Harvest Bone Phosphate	Bradshaw and Hagan, Tompkinsville.....
66158		T. E. Richardson, Campbellsville.....
		Guaranteed.....
65607	†Bowker's Fish Guano	Harvey Stout and Sons, Buechel.....
65897		C. P. Clark, Owensboro.....
		Guaranteed.....
65610	†Bowker's Corn and Wheat Phosphate	D. Sanders, McKinney.....
		Guaranteed.....
65611	Bowker's Grain and Grass Grower	J. B. Riffe, Hustonville.....
		Guaranteed.....
64903	Bowker's Complete Fertilizer	Manufacturer.....
		Guaranteed.....
64904	Bowker's Tobacco and Truck Grower	Manufacturer.....
		Guaranteed.....
65612	Bowker's High Grade Tobacco Grower	John McCarley Hardware Co., Hopkinsville.....
		Guaranteed.....
64906	Bowker's Potash Fertilizer	Manufacturer.....
		Guaranteed.....
64908	Bowker's 20% Acid Phosphate	Manufacturer.....
		Guaranteed.....
64909	Bradley's Soluble Dissolved Bone	Manufacturer.....
		Guaranteed.....
66159	Bradley's 16% Acid Phosphate	Ezekiel Roy, Brady.....
		Guaranteed.....
64911	Bradley's Alkaline Bone with Potash	Manufacturer.....
		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
13.20	2.70	15.90								15.8	66152
14.20	2.20	16.40								17.0	66326
13.00	2.00	15.00								15.6	
14.80	2.00	16.80								17.8	66153
14.00	2.00	16.00								16.8	
17.00	2.10	19.10								20.4	65605
17.40	2.30	19.70								20.9	65606
16.50	1.90	18.40								19.8	65895
18.20	2.00	20.20								21.8	66154
17.20	2.00	19.20								20.6	66155
18.50	1.00	19.50								21.2	66156
16.00	2.00	18.00								19.2	
10.60	0.80	11.40						2.09		22.5	64897
10.00	2.00	12.00						2.00		21.8	
9.00	1.00	10.00			0.57	0.81	0.98	0.99		21.7	63157
8.70	1.30	10.00			0.55	0.79	0.96	1.20		21.9	63158
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
8.60	1.30	9.90			0.62	0.90	1.09	3.28		28.7	65607
8.85	1.00	9.85			0.57	0.85	1.03	3.18		28.3	65897
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
10.80	1.50	12.30			0.68	0.90	1.09	1.13		25.6	65610
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
8.60	1.60	10.20			1.30	1.65	2.00	2.32		30.4	65611
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
12.80	1.20	14.00			1.42	1.66	2.02	3.38		39.8	64903
12.00	4.00	16.00				1.65	2.00	3.00		38.5	
10.70	1.90	12.60			1.95	2.57	3.12	1.11		35.6	64904
10.00	4.00	14.00				2.47	3.00	1.00		34.4	
10.30	1.40	11.70			2.01	2.35	2.85	3.80		41.5	65612
10.00	4.00	14.00				2.47	3.00	3.00		40.4	
10.60	0.80	11.40						5.07		31.4	64906
10.00	2.00	12.00						5.00		30.8	
21.00	1.40	22.40								25.2	64908
20.00	2.00	22.00								24.0	
14.80	1.50	16.30								17.8	64909
14.00	2.00	16.00								16.8	
18.50	0.60	19.10								22.2	66159
16.00	2.00	18.00								19.2	
10.60	0.80	11.40						2.09		22.5	64911
10.00	2.00	12.00						2.00		21.8	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chemical Co.	
66161	Bradley's Corn and Wheat Phosphate	Ezekiel Roy, Brady Guaranteed
64916	Bradley's Grain and Grass Grower	Manufacturer Guaranteed
64917	Bradley's Complete Fertilizer	Manufacturer Guaranteed
64918	Bradley's Tobacco and Truck Grower	Manufacturer Guaranteed
66162	Bradley's 20% Acid Phosphate	Ezekiel Roy, Brady Guaranteed
64920	Bradley's High Grade Tobacco Grower	Manufacturer Guaranteed
65613	Cleveland Dryer Works Horsehead Phosphate	Albert Long, Scottsville Guaranteed
64922	Cleveland Dryer Works XXX Super-phosphate	Manufacturer Guaranteed
66163	Cleveland Dryer Works 16% Acid Phosphate	H. M. Tómes, Big Ready Guaranteed
64924	Cleveland Dryer Works Soluble Bone with Potash	Manufacturer Guaranteed
64925	Cleveland Dryer Works Faultless Grain Grower	Manufacturer Guaranteed
64928	Cleveland Dryer Works Phospho Bone	Manufacturer Guaranteed
64929	Cleveland Dryer Works Grain and Grass Grower	Manufacturer Guaranteed
64930	Cleveland Dryer Works Complete Fertilizer	Manufacturer Guaranteed
64931	Cleveland Dryer Works Tobacco and Truck Grower	Manufacturer Guaranteed
64932	Cleveland Dryer Works High Grade Tobacco Grower	Manufacturer Guaranteed

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.50	2.10	12.60				0.57	0.85	1.03	1.23	25.4	66161
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
9.00	1.40	10.40			1.27	1.75	2.12	2.10		30.9	64916
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
12.80	1.20	14.00			1.42	1.66	2.02	3.38		39.8	64917
12.00	4.00	16.00				1.65	2.00	3.00		38.5	
10.70	1.90	12.60			1.95	2.57	3.12	1.11		35.6	64918
10.00	4.00	14.00				2.47	3.00	1.00		34.4	
21.10	2.70	23.80								25.3	66162
20.00	2.00	22.00								24.0	
10.70	1.60	12.30			2.14	2.52	3.06	3.18		41.4	64920
10.00	4.00	14.00				2.47	3.00	3.00		40.4	
10.30	0.90	11.20								12.4	65613
10.00	2.00	12.00								12.0	
14.80	1.50	16.30								17.8	64922
14.00	2.00	16.00								16.8	
16.60	2.20	18.80								19.9	66163
16.00	2.00	18.00								19.2	
10.60	0.80	11.40						2.09		22.5	64924
10.00	2.00	12.00						2.00		21.8	
8.90	0.90	9.80			0.58	0.85	1.03	1.03		21.9	64925
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
11.10	0.90	12.00			0.53	0.82	1.00	1.05		25.1	64928
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
9.00	1.40	10.40			1.27	1.75	2.12	2.10		30.9	64929
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
12.80	1.20	14.00			1.42	1.66	2.02	3.38		39.8	64930
12.00	4.00	16.00				1.65	2.00	3.00		38.5	
10.70	1.90	12.60			1.95	2.57	3.12	1.11		35.6	64931
10.00	4.00	14.00				2.47	3.00	1.00		34.4	
10.70	1.60	12.30			2.14	2.52	3.06	3.18		41.4	64932
10.00	4.00	14.00				2.47	3.00	3.00		40.4	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chemical Co.	
64933	Cleveland Dryer Works 20% Acid Phosphate	Manufacturer.....
65900	Red Line Phosphate	Guaranteed.....
66327		J. E. Bowie, Ghent.....
65614	Michigan Carbon Works 16% Acid Phosphate	J. R. Davis and Bro., Campbellsville.....
65615		Guaranteed.....
65901		Dickey and Co., Glasgow.....
66164		J. R. Davis and Bro., Campbellsville.....
66165		S. L. Cummins, Crab Orchard.....
66166		S. L. Cummins, Crab Orchard.....
65616	Red Line Phosphate with Potash	Lebanon Carriage and Implement Co., Lebanon.....
65618	†Red Line Complete Manure	Skaggs and Nunn, Horse Cave.....
66167		Guaranteed.....
66168		Geo. L. Gillum and Son, Russellville.....
66328		Guaranteed.....
66329	Homestead A-1 Potash Fertilizer	Albert Long, Scottsville.....
65903	†Michigan Carbon Works Corn and Wheat Phosphate	Skaggs and Nunn, Horse Cave.....
66170		Lindsey, Orr and Co., Elkton.....
66171		J. F. Collings, Shepherdsville.....
66172		Guaranteed.....
65621	†Homestead A. Bone Black Fertilizer	Woodson Lewis, Greensburg.....
65904		Guaranteed.....
66173		Mullikin and Craig, Bedford.....
65622	Michigan Carbon Works, Complete Fertilizer	Conner-Hayden Co., Bardstown.....
65625	†Homestead Tobacco Grower	D. L. D. Sandefur, Beaver Dam.....
66331		Skaggs and Nunn, Horse Cave.....
		Guaranteed.....
		Woodson Lewis and Son, Greensburg.....
		L. B. Sievers and Son, Somerset.....
		Lebanon Carriage and Implement Co., Lebanon.....
		Guaranteed.....
		Gross and Wiseman, Cecilia.....
		Guaranteed.....
		Woodson Lewis and Son, Greensburg.....
		Woodson Lewis and Son, Greensburg.....
		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
21.00	1.40	22.40								25.2	64933
20.00	2.00	22.00								24.0	
14.70	1.65	16.35								17.6	65900
15.40	1.70	17.10								18.5	66327
14.00	2.00	16.00								16.8	
16.10	2.50	18.60								19.3	65614
17.61	1.50	19.10								21.1	65615
16.35	1.65	18.00								19.6	65901
17.50	2.10	19.60								21.0	66164
17.40	2.00	19.40								20.9	66165
16.30	2.40	18.70								19.6	66166
16.00	2.00	18.00								19.2	
11.30	0.80	12.10						2.10		23.6	65616
10.00	2.00	12.00						2.00		21.8	
8.70	1.30	10.00			0.62	0.86	1.04	1.14		22.2	65618
8.60	1.50	10.10			0.54	0.79	0.96	1.12		21.6	66167
8.50	1.50	10.00			0.60	0.87	1.06	1.08		21.8	66168
8.90	1.40	10.30			0.62	0.90	1.09	1.24		23.0	66328
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
9.00	1.30	10.30			0.59	0.81	0.98	2.83		27.4	66329
8.00 ⁷ ₂	4.00	12.00				0.82	1.00	3.00		27.5	
10.70	1.85	12.55			0.59	0.97	1.18	1.33		26.6	65903
10.10	1.90	12.00			0.61	0.86	1.04	1.17		24.6	66170
10.40	1.70	12.10			0.56	0.83	1.01	1.26		25.0	66171
10.40	1.80	12.20			0.62	0.90	1.09	1.23		25.4	66172
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
9.30	1.50	10.80			1.66	1.98	2.40	1.37		30.5	65621
9.10	0.65	9.75			1.98	2.25	2.73	1.45		31.8	65904
8.40	2.80	11.20			1.54	2.06	2.50	1.45		30.4	66173
8.00	4.00	12.00				2.06	2.50	1.60		30.5	
12.40	1.80	14.20			1.36	1.60	1.94	2.87		37.5	65622
12.00	4.00	16.00				1.65	2.00	3.00		38.5	
10.70	1.30	12.00			2.22	2.64	3.20	3.11		41.7	65625
10.40	1.90	12.30			1.91	2.35	2.85	3.04		39.6	66331
10.00	4.00	14.00				2.47	3.00	3.00		40.4	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chemical Co.	
65906	†Michigan Carbon Works High Potash Phosphate	J. E. Bowie, Ghent.....
66174		Skaggs and Nunn, Horse Cave.....
		Guaranteed.....
66332	†Homestead Potato and Tobacco Special	Woodson Lewis and Son, Greensburg.....
		Guaranteed.....
64947	Michigan Carbon Works 20% Acid Phosphate	Manufacturer.....
		Guaranteed.....
65628	N. W. Horseshoe Brand Square Deal Phosphate	J. W. Morgan, Pine Knot.....
65629		Woodson Lewis and Son, Greensburg.....
66333		Woodson Lewis and Son, Greensburg.....
		Guaranteed.....
65630	N. W. Horseshoe Br. 16% Acid Phosphate	Dickey and Co., Glasgow.....
65631		J. W. Morgan, Pine Knot.....
65908		Woodson Lewis and Son, Greensburg.....
66177		Dickey and Co., Glasgow.....
66178		E. S. Ferrill and Son, Buffalo.....
66334		Woodson Lewis and Son, Greensburg.....
		Guaranteed.....
64950	N. W. Horseshoe Br. Bone with Potash	Manufacturer.....
		Guaranteed.....
65909	†N. W. Horseshoe Br. Dark Tobacco Grower	L. B. Sievers and Son, Somerset.....
		Guaranteed.....
65635	†N. W. Horseshoe Br. Corn and Wheat Phosphate	E. S. Ferrill and Son, Buffalo.....
65910		L. B. Sievers and Son, Somerset.....
		Guaranteed.....
65911	N. W. Horseshoe Br. Challenge Corn Grower	F. H. Gordon, Richmond.....
		Guaranteed.....
65637	N. W. Horseshoe Br. Complete Fertilizer	J. R. Nelson, Eubank.....
		Guaranteed.....
65912	N. W. Horseshoe Br. H. Gr. Tobacco Grower	J. W. Morgan, Pine Knot.....
		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.55	0.75	11.30						4.98		31.1	65906
10.40	1.60	12.00						5.00		31.2	66174
10.00	2.00	12.00						5.00		30.8	
8.60	1.20	9.80			1.55	1.79	2.17	5.35		40.2	66332
8.00	4.00	12.00				1.65	2.00	5.00		38.5	
21.00	1.40	22.40								25.2	64947
20.00	2.00	22.00								24.0	
14.80	1.40	16.20								17.8	65628
14.90	1.50	16.40								17.9	65629
15.00	2.10	17.10								18.0	66333
14.00	2.00	16.00								16.8	
17.60	1.40	19.00								21.1	65630
16.80	1.50	18.30								20.2	65631
16.80	1.90	18.70								20.2	65908
17.90	2.40	20.30								21.5	66177
17.10	2.50	19.60								20.5	66178
17.40	2.60	20.00								20.9	66334
16.00	2.00	18.00								19.2	
10.60	0.80	11.40						2.09		22.5	64950
10.00	2.00	12.00						2.00		21.8	
8.75	1.40	10.15			0.60	0.85	1.03	0.95		21.6	65909
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
10.50	1.20	11.70			0.61	0.85	1.03	1.28		25.2	65635
11.00	0.90	11.90			0.62	0.93	1.13	1.37		26.6	65910
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
9.30	1.60	10.90			1.18	1.52	1.85	1.96		29.6	65911
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
13.05	1.55	14.60			1.34	1.61	1.95	3.06		39.0	65637
12.00	4.00	16.00				1.65	2.00	3.00		38.5	
10.90	1.10	12.00			1.96	2.42	2.94	2.97		40.2	65912
10.00	4.00	14.00				2.47	3.00	3.00		40.4	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
64959	The American Agricultural Chemical Co. N. W. Horseshoe Br. 10-5 Potash Manure	Manufacturer..... Guaranteed.....
64960	N. W. Horseshoe Br. Tobacco Grower	Manufacturer..... Guaranteed.....
64961	N. W. Horseshoe Br. 20% Acid Phos- phate	Manufacturer..... Guaranteed.....
65639	N. W. Horseshoe Br. Quick Acting Phosphate	J. W. Morgan, Pine Knot..... Woodson Lewis, Greensburg..... Guaranteed.....
66335		
64962	Packers Boar's Head Br. Soluble Phosphate	Manufacturer..... Guaranteed.....
64963	Packers Boar's Head Br. Gilt Edge Phosphate	Manufacturer..... Guaranteed.....
65640	Packers Boar's Head Br. 16% Acid Phosphate	I. E. and Orval Cooper, Poynter..... P. D. Maddox and Son, Livia..... Guaranteed.....
65913		
64965	Packers Boar's Head Br. Ky. Potash Mixture	Manufacturer..... Guaranteed.....
64966	Packers Boar's Head Br. Faultless Grain Grower	Manufacturer..... Guaranteed.....
65642	Packers Boar's Head Br. Sure Growth Potash Manure	I. E. and Orval Cooper, Poynter..... Guaranteed.....
64969	Packers Boar's Head Br. Corn and Wheat Phosphate	Manufacturer..... Guaranteed.....
64970	Packers Boar's Head Br. Corn and Wheat Grower	Manufacturer..... Guaranteed.....
64972	Packers Boar's Head Br. Tobacco and Truck Grower	Manufacturer..... Guaranteed.....
64974	Packers Boar's Head Brand Potash Phosphate Fertilizer	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.60	0.80	11.40						5.07		31.4	64959
10.00	2.00	12.00						5.00		30.8	
8.50	1.50	10.00			1.26	1.64	1.99	6.05		41.3	64960
8.00	4.00	12.00				1.65	2.00	5.00		38.5	
21.00	1.40	22.40								25.2	64961
20.00	2.00	22.00								24.0	
10.80	1.10	11.90								13.0	65639
11.70	1.30	13.00								14.0	66335
10.00	2.00	12.00								12.0	
11.10	0.90	12.00								13.3	64962
10.00	2.00	12.00								12.0	
14.80	1.50	16.30								17.8	64963
14.00	2.00	16.00								16.8	
17.10	1.50	18.60								20.5	65640
16.90	2.40	19.30								20.3	65913
16.00	2.00	18.00								19.2	
10.60	0.80	11.40						2.09		22.5	64965
10.00	2.00	12.00						2.00		21.8	
8.90	0.90	9.80			0.58	0.85	1.03	1.03		21.9	64966
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
9.10	1.30	10.40			0.66	0.98	1.19	2.60		27.9	65642
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
11.10	0.90	12.00			0.53	0.82	1.00	1.05		25.1	64969
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
9.00	1.40	10.40			1.27	1.75	2.12	2.10		30.9	64970
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
10.70	1.90	12.60			1.95	2.57	3.12	1.11		35.6	64972
10.00	4.00	14.00				2.47	3.00	1.00		34.4	
10.60	0.80	11.40						5.07		31.4	64974
10.00	2.00	12.00						5.00		30.8	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
64975	The American Agricultural Chemical Co. Packers Boar's Head Br. H. Gr. Vegetable Fertilizer	Manufacturer..... Guaranteed.....
64645	Packers Boar's Head Br. 20% Acid Phosphate	I. E. and Orval Cooper, Poynter..... Guaranteed.....
65034	The Armour Fertilizer Works, Louisville, Cincinnati, Nashville. Big Crop 2-14-2 Fertilizer	Manufacturer..... Guaranteed.....
65036	Big Crop 4-12-0 Fertilizer	Manufacturer..... Guaranteed.....
65037	Big Crop 0-14-4 Fertilizer	Manufacturer..... Guaranteed.....
65038	Big Crop 0-10-10 Fertilizer	Manufacturer..... Guaranteed.....
65914	Big Crop 1-12-1 Grain Grower	W. H. Brock, Winchester..... Guaranteed.....
65040	Armour's 1-8-4 Fertilizer	Manufacturer..... Guaranteed.....
66336	Big Crop Bone Meal and Acid Phosphate	Joe Snyder, Vine Grove..... Guaranteed.....
65646	Big Crop Burley Tobacco Grower	Brent and Co., Inc., Paris..... Smith and Jefferies, Horse Cave..... C. S. Brent Seed Co., Lexington..... C. S. Brent Seed Co., Lexington..... Guaranteed.....
65648	Big Crop Plant Bed Special	Carlisle Coal and Feed Co., Carlisle..... Jenkins-Essex Co., Elizabethtown..... Anderson and Spillman, Danville..... Guaranteed.....
65649		Cantrell and Penick, Greensburg.....
65917	Big Crop Dark Tobacco Grower	W. A. Johnson, Brodhead..... Guaranteed.....
65045	Big Crop 4-8-3 Fertilizer	Manufacturer..... Guaranteed.....
65652	Big Crop 2-12-2 Fertilizer	Sam Hughes, Leitchfield.....
65653		Taylor County Supply Co., Campbellsville.....
65918		E. L. and A. T. Byron, Owingsville.....
65919		Green Clay, Richmond.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.50	1.50	10.00			1.26	1.64	1.99	6.05		41.3	64975
8.00	4.00	12.00				1.65	2.00	5.00		38.5	
21.00	1.80	22.80								25.2	64645
20.00	2.00	22.00								24.0	
14.50	1.35	15.85			1.21	1.62	1.97	2.16		38.5	65034
4.00	1.00	15.00				1.65	2.00	2.00		37.3	
12.85	0.70	13.55			2.26	3.30	4.01			39.4	65036
2.00	1.00	13.00				3.29	4.00			38.1	
15.25	1.40	16.65						5.12		38.7	65037
4.00	1.00	15.00						4.00		33.4	
10.80	2.95	13.75						11.57		52.1	65038
10.00	1.00	11.00						10.00		45.4	
2.40	1.70	14.10			0.60	1.05	1.27	1.39		29.8	65914
12.00	1.00	13.00				0.82	1.00	1.00		26.3	
8.75	2.55	11.30			0.60	0.91	1.10	4.85		34.2	65040
8.00	1.00	9.00				0.82	1.00	4.00		29.3	
9.90	12.50	22.40			0.23	0.97	1.13			25.7	66336
10.00	10.00	20.00				0.82	1.00			23.9	
8.50	0.60	9.10			1.25	2.47	3.00	0.72	5.43	46.3	65646
8.00	0.80	8.80			1.30	2.48	3.01		6.15	45.7	65647
8.40	0.60	9.00			1.35	2.52	3.06	0.72	4.94	44.9	65915
8.55	0.75	9.30			1.54	2.59	3.14	0.72	5.35	46.9	65879
8.00	1.00	9.00				2.47	3.00		6.00	45.2	
11.80	1.00	12.80			1.59	2.43	2.95	0.64	1.84	40.1	65648
12.30	0.80	13.10			1.55	2.43	2.95	0.96	1.39	40.4	65649
13.20	0.70	13.90			1.62	2.53	3.07	1.20	0.53	40.5	65916
12.00	1.00	13.00				2.47	3.00		2.00	39.2	
8.35	0.60	8.95			0.83	1.48	1.80		3.96	33.5	65651
8.30	1.00	9.30			0.85	1.78	2.16		3.82	35.0	65917
8.00	1.00	9.00				1.65	2.00		4.00	34.3	
8.30	1.70	10.00			2.52	3.19	3.87	3.12		41.6	65045
8.00	1.00	9.00				3.29	4.00	3.00		41.1	
12.30	1.10	13.40			1.20	1.69	2.05	2.06		35.2	65652
12.10	0.80	12.90			1.07	1.73	2.10	2.07		35.1	65653
12.50	0.80	13.30			0.98	1.68	2.04	2.25		35.9	65918
12.00	0.90	12.90			0.93	1.58	1.92	1.97		33.8	65919

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
66337	The Armour Fertilizer Works. Big Crop 2-12-2 Fertilizer	Taylor County Supply Co., Campbellsville..... Guaranteed.....
65047	Big Crop 2-16-2 Fertilizer	Manufacturer..... Guaranteed.....
65048	Big Crop 2-10-4 Fertilizer	Manufacturer..... Guaranteed.....
66338	Big Crop 0-12-4 Fertilizer	Sturgis Grain and Hay Co., Sturgis..... Guaranteed.....
65654	Big Crop Bone Meal	D. M. Brakefield, Adairville.....
66179		Cantrell and Penick, Greensburg.....
66180		W. S. Overstreet, La Grange.....
66339		Duncan and Sherley, La Grange..... Guaranteed.....
66181	Big Crop Raw Bone	Moss and Gibson, Crestwood.....
66340		G. M. Hedrick, Monticello..... Guaranteed.....
65655	†Big Crop 16% Acid Phosphate	Cadiz Hardware Co., Cadiz.....
65656		G. M. Hedrick, Monticello.....
65920		J. B. Payne, Glasgow.....
66182		Cantrell and Penick, Greensburg..... Guaranteed.....
65657	Armour's Big Crop 20% Acid Phosphate	B. A. and H. R. Lawless, Sewellton..... Guaranteed.....
65054	Armour's 2-12-0 Fertilizer	Manufacturer..... Guaranteed.....
65055	Armour's 1-12-1 Fertilizer	Manufacturer..... Guaranteed.....
65056	Armour's 1-10-1 Fertilizer	Manufacturer..... Guaranteed.....
65658	†Armour's 2-8-2 Fertilizer	Cantrell and Penick, Greensburg.....
65921		W. H. Brock, Mt. Sterling.....
66186		Sam Terry, Big Clifty..... Guaranteed.....
65661	Armour's 1-8-1 Fertilizer	K. R. Grider, Liberty.....
65922		R. L. Jones, Epworth.....
66187		Sam Terry, Big Clifty..... Guaranteed.....
65059	Big Crop 2-12-6 Fertilizer	Manufacturer..... Guaranteed.....
65035	Big Crop 3-12-4 Fertilizer	*..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
2.70	1.30	14.00			1.04	1.41	1.71	2.04		34.2	66337
2.00	1.00	13.00				1.65	2.00	2.00		34.3	
5.65	1.70	17.35			1.53	1.81	2.20	2.23		41.7	65047
6.00	1.00	17.00				1.65	2.00	2.00		40.3	
0.35	1.75	12.10			1.10	1.62	1.97	4.05		38.1	65048
0.00	1.00	11.00				1.65	2.00	4.00		37.3	
1.80	2.10	13.90						4.36		31.6	66338
2.00	1.00	13.00						4.00		30.4	
		28.30	76	24	0.51	2.24	2.72			36.1	65654
		27.90	66	34	0.49	2.69	3.27			38.5	66179
		27.70	76	24	0.50	2.79	3.39			38.9	66180
		27.50	80	20	0.32	2.44	2.96			36.6	66339
		27.00				2.47	3.00			36.4	
		23.70	66	34	0.72	3.84	4.66			42.0	66181
		23.90	59	41	0.65	3.64	4.42			41.0	66340
		22.00				3.71	4.50			39.9	
16.80	2.00	18.80								20.2	65655
17.10	1.70	18.80								20.5	65656
17.20	1.30	18.50								20.6	65920
16.20	1.30	17.50								19.4	66182
16.00	1.00	17.00								19.2	
20.70	1.50	22.20								24.8	65657
20.00	1.00	21.00								24.0	
12.15	1.90	14.05			1.19	1.70	2.06			29.2	65054
12.00	1.00	13.00				1.65	2.00			28.3	
13.00	2.10	15.10			0.63	0.84	1.02	1.33		29.4	65055
12.00	1.00	13.00				0.82	1.00	1.00		26.3	
12.45	1.85	14.30			0.75	1.10	1.34	1.36		30.1	65056
10.00	1.00	11.00				0.82	1.00	1.00		23.3	
8.20	1.00	9.20			1.02	1.64	1.99	2.08		28.8	65658
9.00	0.90	9.90			1.12	1.68	2.04	2.07		30.2	65921
8.50	1.10	9.60			1.05	1.63	1.98	1.88		28.6	66186
8.00	1.00	9.00				1.65	2.00	2.00		28.3	
9.10	1.10	10.20			0.63	1.01	1.23	1.48		24.6	65661
10.00	0.70	10.70			0.54	0.98	1.19	1.01		24.2	65922
8.30	1.20	9.50			0.47	0.81	0.98	1.75		23.0	66187
8.00	1.00	9.00				0.82	1.00	1.00		20.3	
12.35	1.85	14.20			1.12	1.71	2.08	5.99		47.5	65059
12.00	1.00	13.00				1.65	2.00	6.00		46.3	
											65035
12.00	1.00	13.00				2.47	3.00	4.00		45.2	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Armour Fertilizer Works.	
65119	Big Crop 2-10-2 Fertilizer	Manufacturer..... Guaranteed.....
65659	Big Crop Superior Tobacco Grower	Grayson Bros., Dunmor..... Guaranteed.....
65121	Tobacco Guano	Manufacturer..... Guaranteed.....
65923	Nitrate of Soda	Mullikin and Craig, Bedford.....
65924		Knox County Supply Co., Barbourville..... Guaranteed.....
65926	†Ideal Superphosphate	The T. J. Turley Co., Owensboro..... Guaranteed.....
65401	Big Crop 4-8-3 Plant Bed Grower	Manufacturer..... Guaranteed.....
65526	Big Crop 3-8-6 Fertilizer	Manufacturer..... Guaranteed.....
65547	Armour's Bonus "A" Humus	Manufacturer..... Guaranteed.....
65548	Armour's Big Crop Burley Special	Manufacturer..... Guaranteed.....
65660	Armour's Big Crop Dark Tobacco Maker	Lindsey, Orr and Co., Elkton..... Guaranteed.....
65550	Armour's Big Crop Tobacco Special	Manufacturer..... Guaranteed.....
65551	Armour's Tobacco Grower	Manufacturer..... Guaranteed.....
65882	Armour's Special Tobacco Grower	Manufacturer..... Guaranteed.....
65883	Armour's Beef, Blood and Bone	Manufacturer..... Guaranteed.....
66114	Big Crop 2-14-2 Fertilizer	Manufacturer..... Guaranteed.....
66188	Big Crop 2-29 Bone Meal	Green Clay, Richmond.....
66189		Moss and Gibson, Crestwood..... Guaranteed.....
	The C. S. Brent Seed Co., Inc., Lexington, Ky.	
65595	Brent's Grain Grower	Manufacturer..... Guaranteed.....
65596	Brent's Tobacco Special	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
9.80	2.35	12.15			1.09	1.62	1.97	2.06		31.5	65119
10.00	1.00	11.00				1.65	2.00	2.00		31.5	
10.60	2.80	13.40							4.42	30.3	
10.00	1.00	11.00							5.00	30.4	65121
9.25	2.60	11.85			0.42	1.78	2.16	1.30		29.5	
8.00	1.00	9.00				1.65	2.00		1.00	25.3	
						15.70	19.06			94.2	65923
						15.52	18.85			93.1	65924
						14.81	17.98			88.9	
17.10	1.30	18.40								20.5	65926
16.00	1.00	17.00								19.2	
8.30	2.80	11.10			2.43	3.36	4.08		3.10	43.0	65401
8.00	1.00	9.00				3.29	4.00		3.00	41.1	
8.55	1.70	10.25			2.02	2.60	3.16	6.93		49.9	65526
8.00	1.00	9.00				2.47	3.00	6.00		45.2	
11.80	4.40	16.20			0.64	1.01	1.23			25.5	65547
12.00	1.00	13.00				0.82	1.00			23.3	
8.55	1.70	10.25			2.02	2.60	3.16	6.93		49.9	65548
8.00	1.00	9.00				2.47	3.00	6.00		45.2	
8.80	2.50	11.30			0.92	1.47	1.78	0.80	3.47	35.8	65660
8.00	1.00	9.00				1.65	2.00	4.00		34.3	
11.15	2.30	13.45						5.41		33.9	65550
10.00	1.00	11.00						5.00		30.4	
8.30	2.70	11.10			1.13	1.65	2.00	1.20		27.0	65551
8.00	1.00	9.00				1.65	2.00	1.00		25.3	
9.05	2.85	11.90			0.68	1.03	1.25		1.15	24.4	65382
8.00	1.00	9.00				0.82	1.00		1.00	20.3	
12.40	0.70	13.10				1.64	1.99	2.05		34.9	65883
12.00	1.00	13.00				1.65	2.00	2.00		34.3	
14.50	1.35	15.85			1.21	1.62	1.97	2.16		38.5	66114
14.00	1.00	15.00				1.65	2.00	2.00		37.3	
		31.10	58	42	0.35	1.76	2.14			35.4	66188
		29.40	70	30	0.37	2.00	2.43			35.5	66189
		29.00				1.65	2.00			33.1	
8.65	1.00	9.65			0.68	0.90	1.09	1.06		22.0	65595
8.00						0.82	1.00		1.00	19.9	
8.50	0.80	9.30			1.00	1.77	2.15		2.89	32.4	65596
8.00						1.65	2.00		3.00	30.9	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Buhner Fertilizer Co., Seymour, Ind.	
65663	Buhner's 1½-8-4	Harvey Stout and Sons, Buechel..... Guaranteed.....
66191	Buhner's Raw Bone	Harvey Stout and Sons, Fern Creek..... Guaranteed.....
65533	Buhner's 1½-10-3	Manufacturer..... Guaranteed.....
65585	Buhner's 2-12	Manufacturer..... Guaranteed.....
	Calumet Fertilizer Co., New Albany, Ind.	
65406	Calumet Brand "Half Thirteen One"	Manufacturer..... Guaranteed.....
65664	†Calumet Brand "Crop Grower"	J. L. Riney, Rineyville..... Guaranteed.....
65665	Calumet Brand "Onion and Tobacco Grower"	E. F. Pearson, Franklin..... Guaranteed.....
65666	Calumet Brand "Potato and Tobacco Special"	E. F. Pearson, Franklin..... Guaranteed.....
65411	Calumet Brand "Two Twelve Two"	Manufacturer..... Guaranteed.....
65412	Calumet Brand "Two Twelve Six"	Manufacturer..... Guaranteed.....
65413	Calumet Brand "Otto Voyles Two in One"	Manufacturer..... Guaranteed.....
65414	Calumet Brand "High Grade Tobacco and Truck Grower"	Manufacturer..... Guaranteed.....
65415	Calumet Brand "Extra Ammoniated Bone Phosphate"	Manufacturer..... Guaranteed.....
65416	Calumet Brand "Fourteen Four"	Manufacturer..... Guaranteed.....
65417	Calumet Brand "Ten Five"	Manufacturer..... Guaranteed.....
65418	Calumet Brand "Ten Ten Hummer"	Manufacturer..... Guaranteed.....
65419	Calumet Brand "Twelve Twelve"	Manufacturer..... Guaranteed.....
65420	Calumet Brand "Eight Twenty-four"	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.30 8.00	1.00	9.30	60	40	0.91	1.18	1.43	4.67		33.9	65663
		22.20			0.66	1.23	1.50	4.00		31.4	
		20.00				4.41	5.35			44.2	66191
						3.71	4.50			38.3	
10.80 10.00	1.15	11.95			0.87	1.18	1.43	2.75		32.0	65533
						1.23	1.50	3.00		31.4	
11.85 12.00	1.50	13.35			1.51	1.93	2.34			30.0	65585
						1.65	2.00			27.9	
14.80 13.00	1.20	16.00			0.14	0.46	0.56	1.59		30.2	65406
	2.50	15.50				0.41	0.50	1.00		26.0	
9.20 8.00	1.00	10.20				0.35	0.69	0.84	1.23	22.0	65664
	4.00	12.00				0.82	1.00	1.00		21.5	
9.00 8.00	1.20	10.20			0.33	0.81	0.98	3.16		28.3	65665
	4.00	12.00				0.82	1.00	3.00		27.5	
9.30 8.00	1.10	10.40			0.66	1.66	2.02	5.24		40.1	65666
	4.00	12.00				1.65	2.00	5.00		38.5	
13.15 12.00	1.75	14.90			0.74	1.61	1.95	2.07		36.3	65411
	4.00	16.00				1.65	2.00	2.00		35.5	
14.20 12.00	1.40	15.60			0.40	1.45	1.76	7.74		53.8	65412
	4.00	16.00				1.65	2.00	6.00		47.5	
17.55 16.00	2.35	19.90			0.90	1.83	2.22	2.28		45.1	65413
	4.00	20.00				1.65	2.00	2.00		41.5	
11.40 10.00	1.50	12.90			0.64	2.23	2.71	4.83		45.6	65414
	4.00	14.00				2.47	3.00	4.00		43.4	
14.10 12.00	1.20	15.30			0.43	1.48	1.80			30.5	65415
	4.00	16.00				1.65	2.00			29.5	
14.90 14.00	1.20	16.10						4.04		35.0	65416
	4.00	18.00						4.00		34.6	
10.70 10.00	1.00	11.70						5.32		32.4	65417
	4.00	14.00						5.00		31.6	
11.00 10.00	1.30	12.30						10.44		48.3	65418
	4.00	14.00						10.00		46.6	
13.00 12.00	1.40	14.40						12.74		58.3	65419
	4.00	16.00						12.00		55.6	
8.80 8.00	0.90	9.70						26.54		93.2	65420
	4.00	12.00						24.00		85.6	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65421	Calumet Fertilizer Co. Calumet Brand "Bone and Acid Phosphate"	Manufacturer..... Guaranteed.....
66344	Calumet Brand "Special Pure Bone Meal"	Vine Grove Feed Co., Vine Grove..... Guaranteed.....
66345	Calumet Brand "Half and Half"	Vine Grove Feed Co., Vine Grove..... Guaranteed.....
65424	Calumet Brand "Raw Bone Meal"	Manufacturer..... Guaranteed.....
65667	Calumet Brand "Acid Phosphate 16%"	Vine Grove Feed Co., Vine Grove.....
65928		Lexington Seed Co., Lexington.....
65929		C. M. Biggs, Sebree.....
66346		Vine Grove Feed Co., Vine Grove.....
66347		Patrick Dillon, Hardinsburg..... Guaranteed.....
65426	Calumet Brand "Acid Phosphate 18%"	Manufacturer..... Guaranteed.....
65427	Calumet Brand "Kentucky Tobacco Grower"	Manufacturer..... Guaranteed.....
65524	Calumet Brand "Nitrate of Soda"	*..... Guaranteed.....
65542	Calumet Brand "Potato and Tobacco Grower"	*..... Guaranteed.....
65543	Calumet Brand "Northern Special"	*..... Guaranteed.....
66132	Calumet Brand "Fifteen Seven and One-Half"	Manufacturer..... Guaranteed.....
66133	Calumet Brand "20% Acid Phosphate"	Manufacturer..... Guaranteed.....
	Consolidated Chemical Co., Louisville, Ky.	
65483	Camel Brand Vegetable, Potato and Tobacco Special	Manufacturer..... Guaranteed.....
65488	Camel Brand Extra H. Gr. Tobacco Fertilizer	Manufacturer..... Guaranteed.....
65489	Camel Brand High Grade Special	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
16.80 12.00	4.60 8.00	21.40 20.00				0.72 0.62	0.87 0.75			31.4 24.9	65421
		34.30 30.00	72	28		0.67 0.82	0.81 1.00			31.5 28.9	66344
8.90 6.00	4.50 6.00	13.40 12.00			0.97	2.09 2.06	2.54 2.50	1.28 1.00		31.5 26.8	66345
		21.60 20.00	77	23	0.43	4.07 3.71	4.94 4.50			41.7 38.3	65424
17.30 16.90 15.80 17.00 17.10 16.00 20.10 18.00	1.30 2.00 1.10 1.50 1.40 2.00 1.60 2.00	18.60 18.90 16.90 18.50 18.50 18.00 21.70 20.00								20.8 20.3 19.0 20.4 20.5 19.2 24.1 21.6	65667 65928 65929 66346 66347
10 10 8.00	0.90 4.00	11.00 12.00			0.44	1.39 1.65	1.69 2.00	8.05 8.00		47.9 47.5	65427
						15.65	19.03			93.9	65524
10.00	4.00	14.00				2.47	3.00			31.4	65542
8.00	4.00	12.00				0.82	1.00	8.00		42.5	65543
16.70 15.00 22.20 20.00	1.30 4.00 1.60 2.00	18.00 19.00 23.80 22.00						8.71 7.50		51.9 46.6 26.6 24.0	66132 66133
12.10 11.00	0.80 4.00	12.90 15.00			0.71	0.93 0.82	1.13 1.00	3.37 3.00		34.2 32.0	65483
10.70 10.00	1.40 4.00	12.10 14.00			1.40	1.77 1.65	2.15 2.00	4.52 4.00		40.8 38.5	65488
10.60 10.00	1.40 4.00	12.00 14.00			1.33	1.72 1.65	2.09 2.00	2.15 2.00		33.2 32.5	65489

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Consolidated Chemical Co.	
65490	Camel Brand Old Time Grain Fertilizer	Manufacturer..... Guaranteed.....
65491	Camel Brand Old Time Tobacco Fertilizer	Manufacturer..... Guaranteed.....
65493	Camel Brand Truck and Tobacco Fertilizer	Manufacturer..... Guaranteed.....
65494	Camel Brand High Grade Tobacco Bed Special	Manufacturer..... Guaranteed.....
65495	Camel Brand Potato and Tobacco Fertilizer	Manufacturer..... Guaranteed.....
65497	Camel Brand Corn, Wheat and Oats Grower	Manufacturer..... Guaranteed.....
65499	Camel Brand Phosphate and Potash Fertilizer	Manufacturer..... Guaranteed.....
65500	Camel Brand Extra High Grade Phosphate	Manufacturer..... Guaranteed.....
65669	Camel Brand High Grade Phosphate	Farmers Supply Co., Hodgenville.....
65934		C. L. Dowdy and Brothers, Mayfield.....
66196		Farmers Supply Co., Hodgenville..... Guaranteed.....
65935	Camel Brand Acid Phosphate	C. L. Dowdy and Bros., Mayfield..... Guaranteed.....
	Duncan and Sherley, La Grange, Ky.	
65530	Tiger Brand Special Tobacco Grower	Manufacturer..... Guaranteed.....
65939	Tiger Brand A-1 Tobacco Grower	Manufacturer's Warehouse..... Guaranteed.....
65940	Tiger Brand Phosphate and Tankage	Manufacturer's Warehouse.....
66202		Manufacturer's Warehouse..... Guaranteed.....
65941	Tiger Brand Corn and Wheat Grower	Manufacturer's Warehouse.....
66203		Manufacturer's Warehouse..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.50 8.00	1.40 4.00	9.90 12.00			1.28	1.65 1.65	2.00 2.00	2.08 2.00		29.5 29.5	65490
8.50 8.00	1.40 4.00	9.90 12.00			1.28	1.65 1.65	2.00 2.00	2.08 2.00		29.5 29.5	65491
8.65 8.00	1.80 4.00	10.45 12.00			1.95	2.54 2.47	3.08 3.00	3.23 3.00		38.6 37.4	65493
10.65 10.00	1.90 4.00	12.55 14.00			2.69	3.28 3.29	3.98 4.00			36.4 36.3	65494
10.65 10.00	1.90 4.00	12.55 14.00			2.69	3.28 3.29	3.98 4.00			36.4 36.3	65495
15.75 14.00	1.30 4.00	17.05 18.00			0.41	0.65 0.41	0.79 0.50			28.1 25.1	65497
11.20 10.00	0.55 2.00	11.75 12.00						2.34 2.00		24.0 21.8	65499
20.95 18.00	0.75 2.00	21.70 20.00								25.1 21.6	65500
16.25	1.05	17.30								19.5	65669
17.90	1.50	19.40								21.5	65934
17.00	1.20	18.20								20.4	66196
16.00	2.00	18.00								19.2	
14.40	2.70	17.10								17.3	65935
14.00	2.00	16.00								16.8	
9.50 10.00	0.80 2.00	10.30 12.00			2.03	2.03 1.65	2.46 2.00	6.59	4.00	46.5 37.7	65530
8.40 8.00	1.70 2.00	10.10 10.00			1.64	2.48 2.47	3.01 3.00	5.18	5.00	43.7 42.6	65939
13.90	1.60	15.50			0.10	0.76	0.92			26.1	65940
12.00	0.60	12.60			0.39	0.85	1.03			23.3	66202
12.00	2.00	14.00				0.82	1.00			23.7	
12.30	5.00	17.30				0.48	0.58			23.3	65941
11.40	5.00	16.40				0.49	0.59			22.0	66203
10.00	2.00	12.00				0.41	0.50			18.3	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65942 66204	Duncan and Sherley. Tiger Brand Phosphate	Manufacturer's Warehouse..... Manufacturer's Warehouse..... Guaranteed.....
66322	Tiger Brand Raw Bone Meal	Manufacturer..... Guaranteed.....
65938	Tiger Brand Potato and Tobacco Grower	Manufacturer's Warehouse..... Guaranteed.....
65670 65671	The Empire Guano Co., Nashville, Tenn. Climax Tobacco Grower	L. E. Darnell and Co., Russell Springs. Dulworth and Durham, Greensburg. Guaranteed.....
64861	Kentucky Wheat and Corn Grower	Manufacturer..... Guaranteed.....
65672 65944	Kentucky Premium Guano	L. E. Darnell and Co., Russell Springs. Staggs Bros. Co., Vanceburg. Guaranteed.....
65945	High Grade Tobacco Grower	J. H. Wyan, London..... Guaranteed.....
64865	Red Banner Special	Manufacturer..... Guaranteed.....
64866	Wheat and Corn Grower	Manufacturer..... Guaranteed.....
64867	Bone and Potash	Manufacturer..... Guaranteed.....
64868	High Grade Potash Phosphate	Manufacturer..... Guaranteed.....
65673 66348	High Grade Acid Phosphate	Dulworth and Durham, Greensburg. Dulworth and Durham, Greensburg. Guaranteed.....
65674 65675 65946 66205 66349	Climax Acid Phosphate	L. E. Darnell and Co., Russell Springs. L. A. Pennycuff, Rocky Hill. Dulworth and Durham, Greensburg. J. H. Wyan, London..... Dulworth and Durham, Greensburg Guaranteed.....
64871	Raw Bone Mixture	Manufacturer..... Guaranteed.....
65676	Pure Raw Bone Meal	L. A. Pennycuff, Rocky Hill. Guaranteed.....
64873	Burley Tobacco Grower	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
17.50	2.70	20.20	46	54	0.21	4.06	4.93			21.0	65942
17.50	3.00	20.50								21.0	66204
16.00	2.00	18.00								19.2	
		22.55								42.4	66322
		22.00								39.9	
10.60	4.90	15.50			1.65	3.05	3.70			36.2	65938
10.00	2.00	12.00				3.29	4.00			35.5	
8.65	6.10	14.75			0.28	0.91	1.10	0.56	0.75	24.8	65670
8.70	5.10	13.80			0.2	0.92	1.12	1.04	0.80	26.1	65671
8.00	5.00	13.00				0.82	1.00		1.00	21.9	
10.80	5.30	16.10			0.56	1.19	1.44	0.98		28.4	64861
8.00	5.00	13.00				0.82	1.00	1.00		21.9	
8.20	7.50	15.70			0.40	0.48	0.58	2.88	0.73	29.0	65672
8.50	6.80	15.30				0.61	0.74	1.52	2.59	31.5	65941
8.00	5.00	13.00				0.41	0.50	4.00		28.5	
8.40	5.20	13.60			0.66	1.64	1.99	4.65		38.5	65945
8.00	4.00	12.00				1.65	2.00		4.00	35.5	
12.30	2.30	14.60			1.79	2.23	2.71	1.12	1.58	40.9	64865
10.00	4.00	14.00				1.65	2.00	2.00		32.5	
13.40	2.40	15.80			0.45	0.92	1.12	1.38		30.7	64866
11.00	4.00	15.00				0.41	0.50	1.00		23.6	
13.00	10.00	23.00						0.62	1.90	31.1	64867
10.00	8.00	18.00						2.00		24.2	
12.40	8.40	20.80						1.90	2.52	35.2	64868
10.00	8.00	18.00						4.00		30.2	
17.30	3.05	20.35								20.8	65673
15.60	6.70	22.30								18.7	66348
14.00	4.00	18.00								16.8	
17.50	3.05	20.55								21.0	65674
17.55	3.50	21.05								21.1	65675
16.90	2.80	19.70								20.3	65946
17.20	3.00	20.20								20.6	66205
19.00	3.90	22.90								22.8	66349
16.00	2.00	18.00								19.2	
10.40	10.70	21.10	43	57	0.17	2.09	2.54			32.4	64871
10.00	10.00	20.00				1.85	2.25	30.1			
		21.70				3.86	4.69	40.5	65676		
		20.00				3.71	4.50	38.3			
9.40	1.90	11.30				2.55	2.97	51.7	64873		
8.00	3.00	11.00			2.47	3.00		6.34	5.00	43.0	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
64874	The Empire Guano Co. Standard Grain Grower	Manufacturer..... Guaranteed.....
64875	Bright Leaf Tobacco Special	Manufacturer..... Guaranteed.....
	The Evansville Packing Co., Evansville, Ind.	
65947	High Grade Phosphate	Geo. Higgerson, Morganfield..... Guaranteed.....
65948	Grain Booster	Atherton-Kidd and Co., Livermore..... Guaranteed.....
65103	Corn and Wheat Grower	Manufacturer..... Guaranteed.....
65105	Golden Harvest	Manufacturer..... Guaranteed.....
65106	Wonder Growth	Manufacturer..... Guaranteed.....
65677	Three "B"	R. T. Kirkman, Elkton..... Guaranteed.....
65950	Half and Half Mixture	Atherton-Kidd and Co., Livermore..... Guaranteed.....
65678	Potato and Tobacco Grower	Finley Hardware Co., Madisonville..... Guaranteed.....
65116	Pure Raw Bone Meal	Manufacturer..... Guaranteed.....
	Federal Chemical Co., Inc., Louisville, Ky.	
65680	Standard Grain Grower	H. C. Damron and Son, Russell Springs..... Guaranteed.....
65137	Tobacco, Truck and Tomato Fertilizer	Manufacturer..... Guaranteed.....
65138	Potato Maker and Tobacco Fertilizer	Manufacturer..... Guaranteed.....
65953	Standard Corn and Wheat Grower	Beck Creek Farmers Club, Parker.....
65954		Barnett Bros., London..... Guaranteed.....
65140	Premium High Grade Fertilizer	Manufacturer..... Guaranteed.....
65143	Loam Land Fertilizer	Manufacturer..... Guaranteed.....
65144	Mid-West High Grade Mixture	Manufacturer..... Guaranteed.....

Analyses of Commercial Fertilizers.

401

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
14.70	3.30	18.00			0.13	0.67	0.81			27.4	64874
12.00	5.00	17.00				0.41	0.50			22.5	
12.20	2.10	14.30			1.58	2.13	2.59	0.64	0.93	36.6	64875
9.00	4.00	13.00				1.65	2.00		1.00	28.0	
16.90	1.40	18.30								20.3	65947
16.00										19.2	
9.00	0.70	9.70			0.92	1.16	1.41	1.16		24.2	65948
8.00						0.82	1.00		1.00	19.9	
10.50	0.70	11.20			0.88	0.91	1.10			21.5	65103
10.00						0.82	1.00			19.9	
7.70	0.50	8.20			0.78	0.79	0.96		3.32	26.5	65105
8.00						0.82	1.00		3.00	25.9	
9.95	0.50	10.45			1.61	1.64	1.99			25.0	65106
10.00						1.65	2.00			24.9	
7.40	0.70	8.10			1.69	1.93	2.34	1.80		28.4	65677
8.00						1.65	2.00		2.00	27.9	
10.80	0.70	11.50			2.28	2.66	3.23	1.03		35.5	65950
10.00						2.47	3.00		1.00	32.8	
10.35	1.05	11.40			1.40	1.40	1.70		4.59	38.1	65678
8.00						1.65	2.00		5.00	36.9	
		24.65	45	55	0.14	3.68	4.47			41.8	65116
		23.00				3.71	4.50			40.7	
10.05	2.70	12.75			0.53	0.87	1.06	1.07		24.6	65686
10.00	4.00	14.00				0.82	1.00		1.00	24.5	
11.90	6.10	18.00			2.65	2.80	3.40		1.73	42.3	65137
9.00	4.00	13.00				1.65	2.00		1.00	28.0	
11.90	6.10	18.00			2.80	2.80	3.40		1.73	42.3	65138
9.00	4.00	13.00				1.65	2.00		1.00	28.0	
8.10	3.40	11.50			1.10	1.56	1.89	2.40		30.1	65953
8.00	4.20	12.20			1.25	1.67	2.03	1.90		29.4	65954
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
14.10	5.35	19.45			2.07	2.07	2.51		2.79	44.1	65140
10.00	4.00	14.00				1.65	2.00		2.00	32.5	
14.45	1.80	16.25			2.53	2.53	3.07		2.87	46.2	65143
12.00	4.00	16.00				1.65	2.00		2.00	35.5	
13.15	2.80	16.35			2.43	2.43	2.95		5.25	51.8	65144
10.00	4.00	14.00				1.65	2.00		4.00	38.5	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65148	Federal Chemical Co. A-1 Fertilizer	Manufacturer..... Guaranteed.....
65961	A-1 Corn and Wheat Fertilizer	T. G. Moren, London.....
66208		T. M. Zachery, Liberty..... Guaranteed.....
65150	A-1 Formula	Manufacturer..... Guaranteed.....
65152	A-1 Soluble Vegetable Manure	Manufacturer..... Guaranteed.....
65155	Liberty Grain Grower	Manufacturer..... Guaranteed.....
65156	Standard Meal Mixture	Manufacturer..... Guaranteed.....
65157	Liberty Potato Grower	Manufacturer..... Guaranteed.....
65158	Double Phosphate and Potash Formula	Manufacturer..... Guaranteed.....
65159	Potash Special	Manufacturer..... Guaranteed.....
65689	Potash Mixture	Manufacturer..... Guaranteed.....
65964		Albert Long, Scottsville..... Smith and Smith, Shepherdsville..... Guaranteed.....
65161	Potash Compound	Manufacturer..... Guaranteed.....
65162	Black Land Special	Manufacturer..... Guaranteed.....
65965	20% Phosphate	J. B. Polk, Taylorsville.....
66209		L. R. Hart, Big Clifty..... Guaranteed.....
65164	Extra Grade Phosphate	Manufacturer..... Guaranteed.....
65166	Daybreak A-1 Champion	Manufacturer..... Guaranteed.....
65168	Daybreak Cracker-Jack	Manufacturer..... Guaranteed.....
65169	Daybreak Special	Manufacturer..... Guaranteed.....
65170	Royal Wheat and Grain Special	Manufacturer..... Guaranteed.....
65171	Daybreak Special Manure	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
15.20	4.80	20.00			1.47	1.47	1.78			33.5	65148
12.00	4.00	16.00				0.82	1.00			24.5	
14.60	2.80	17.40			0.44	1.00	1.21			29.0	65961
15.00	1.30	16.30			0.43	0.81	0.98			27.9	66208
14.00	4.00	18.00				0.82	1.00			27.5	
13.20	6.10	19.30			2.77	2.77	3.36			38.9	65150
10.00	4.00	14.00				1.65	2.00			26.5	
15.50	3.20	18.70			2.51	2.72	3.30			40.9	65152
12.00	4.00	16.00				1.65	2.00			29.5	
12.70	8.20	20.90			1.00	1.00	1.21			28.3	65155
10.00	10.00	20.00				0.41	0.50			21.5	
13.40	8.00	21.40			1.15	1.15	1.40			30.2	65156
10.00	10.00	20.00				0.82	1.00			23.9	
11.30	9.60	20.90			1.97	1.97	2.39			32.6	65157
10.00	10.00	20.00				1.65	2.00			28.9	
11.10	9.20	20.30							5.49	36.8	65158
8.00	8.00	16.00							4.00	27.2	
13.00	7.40	20.40							2.95	31.3	65159
10.00	2.00	12.00							2.00	21.8	
10.20	3.00	13.20						3.82		28.0	65689
10.50	0.80	11.30						4.89		30.7	65964
10.00	2.00	12.00							4.00	27.8	
15.40	4.10	19.50						0.56	2.56	34.1	65161
12.00	2.00	14.00							2.00	24.8	
15.60	2.70	18.30							5.45	40.8	65162
12.00	2.00	14.00							4.00	30.8	
21.40	0.60	22.00								25.7	65965
21.80	1.00	22.80								26.2	66209
20.00	2.00	22.00								24.0	
18.80	0.70	19.50								22.6	65164
18.00	2.00	20.00								21.6	
15.05	5.55	20.60			0.88	0.88	1.07		1.16	33.6	65166
11.50	4.00	15.50				0.41	0.50		0.50	22.8	
15.65	4.65	20.30			0.72	0.72	0.87		1.29	33.5	65168
13.00	4.00	17.00				0.41	0.50		1.00	26.6	
13.95	4.90	18.85			0.74	0.74	0.90		6.03	45.4	65169
11.00	4.00	15.00				0.41	0.50		5.00	35.6	
15.55	4.50	20.05			1.22	1.22	1.48		1.70	37.6	65170
12.00	4.00	16.00				0.82	1.00		1.00	27.5	
13.25	7.40	20.65			1.16	1.16	1.41		2.61	37.6	65171
10.00	4.00	14.00				0.82	1.00		2.00	27.5	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65173	Federal Chemical Co. Daybreak Favorite	Manufacturer..... Guaranteed.....
65174	Standard Crop and Tobacco Grower	Manufacturer..... Guaranteed.....
65176	Daybreak Vegetable Grower	Manufacturer..... Guaranteed.....
65178	Red Rooster Mixture	Manufacturer..... Guaranteed.....
65179	Daybreak Nitro-Phosphate	Manufacturer..... Guaranteed.....
65180	Daybreak Harvest Home	Manufacturer..... Guaranteed.....
65181	Royal Meal Mixture	Manufacturer..... Guaranteed.....
65182	Daybreak Double-Duty Corn and Wheat Grower	Manufacturer..... Guaranteed.....
65183	Daybreak Half and Half Meal Mixture	Manufacturer..... Guaranteed.....
65184	Daybreak Champion Potash Fertilizer	Manufacturer..... Guaranteed.....
65185	Daybreak Potash Special	Manufacturer..... Guaranteed.....
65969	Daybreak Potash Mixture	J. E. Bowie, Ghent..... Guaranteed.....
65187	Daybreak Phosphate and Potash	Manufacturer..... Guaranteed.....
65876	Daybreak High Grade Phosphate	W. W. Beeler, Ellisburg.....
65970		Beck Creek Farmers Club, Parker.....
65971		Hafendorfer Thornton Co., Owensboro.....
65972		T. J. Whittinghill, Fordsville.....
66212		St. Matthews Produce Exchange, St. Matthews.....
66213		R. A. Dale, Lecta.....
66214		Grayson County Supply Co., Leitchfield.....
66352		J. P. Strother, Milton..... Guaranteed.....
65973	Daybreak Royal Phosphate	J. E. Bowie, Ghent..... Guaranteed.....

[illegible]

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Federal Chemical Co.	
65190	Daybreak Standard Phosphate	Manufacturer..... Guaranteed.....
65191	Daybreak Special Phosphate Mixture	Manufacturer..... Guaranteed.....
66353	Daybreak Raw Bone	St. Matthews Produce Exchange, St. Matthews..... Guaranteed.....
65546	2-8-3 Formula	Manufacturer..... Guaranteed.....
65976	2-8-5 Tobacco Formula	Hardin Mercantile Co., Hardin..... Guaranteed.....
65193	1st Prize Corn and Wheat Champion	Manufacturer..... Guaranteed.....
65194	1st Prize Corn, Wheat and Oats Grower	Manufacturer..... Guaranteed.....
65195	1st Prize Grain Maker	Manufacturer..... Guaranteed.....
65196	1st Prize Special	Manufacturer..... Guaranteed.....
65197	1st Prize Wheat and Grain Special	Manufacturer..... Guaranteed.....
65198	Blue Ribbon Corn and Wheat Grower	Manufacturer..... Guaranteed.....
65199	Blue Ribbon Tobacco Grower	Manufacturer..... Guaranteed.....
65200	1st Prize Formula	Manufacturer..... Guaranteed.....
65694	1st Prize Crop and Tobacco Grower	Farmers Union Supply Co., Russellville..... Guaranteed.....
65202	1st Prize Tobacco and Vegetable Grower	Manufacturer..... Guaranteed.....
65203	1st Prize Phosphate Mixture	Manufacturer..... Guaranteed.....
65204	1st Prize Ammoniated Bone Phosphate	Manufacturer..... Guaranteed.....
65205	Mogul Corn and Wheat Fertilizer	Manufacturer..... Guaranteed.....
65206	1st Prize Ammoniated Meal Mixture	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
14.75	6.15	20.90								17.7	65190
12.00	2.00	14.00								14.4	
11.80	11.20	23.00								14.2	65191
10.00	10.00	20.00								12.00	
		22.00	32	68		4.46	5.41			44.4	66353
		22.00				3.71	4.50			39.9	
10.10	8.80	18.90			2.48	2.48	3.01		3.54	44.2	65546
8.00	4.00	12.00				1.65	2.00		3.00	32.5	
8.20	2.70	10.90			1.02	1.50	1.82	5.10		37.7	65976
8.00	4.00	12.00				1.65	2.00		5.00	38.5	
15.05	5.55	20.60			0.88	0.88	1.07		1.16	33.6	65193
11.50	4.00	15.50				0.41	0.50		0.50	22.8	
14.55	6.45	21.00			0.82	0.82	1.00		1.55	34.0	65194
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
15.65	4.65	20.30			0.72	0.72	0.87		1.29	33.5	65195
13.00	4.00	17.00				0.41	0.50		1.00	26.6	
13.95	4.90	18.85			0.74	0.74	0.90		6.03	45.4	65196
11.00	4.00	15.00				0.41	0.50		5.00	35.6	
15.55	4.50	20.05			1.22	1.22	1.48		1.70	37.6	65197
12.00	4.00	16.00				0.82	1.00		1.00	27.5	
13.25	7.40	20.65			1.16	1.16	1.41		2.61	37.6	65198
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
13.25	7.40	20.65			1.16	1.16	1.41		2.61	37.6	65199
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
14.55	4.60	19.15			1.23	1.23	1.49		3.70	42.2	65200
11.00	4.00	15.00				0.82	1.00		3.00	32.0	
7.25	2.70	9.95			0.43	0.81	0.98	5.60		33.6	65694
8.00	4.00	12.00				0.82	1.00		4.00	30.5	
10.90	5.40	16.30			2.20	2.20	2.67		7.82	55.2	65202
8.00	4.00	12.00				1.23	1.50		6.00	39.0	
15.90	5.60	21.50			0.82	0.82	1.00			31.0	65203
12.00	4.00	16.00				0.41	0.50			22.1	
18.20	1.30	19.50			0.74	0.74	0.90			32.3	65204
15.00	4.00	19.00				0.41	0.50			26.6	
15.20	4.80	20.00			1.47	1.47	1.78			33.5	65205
12.00	4.00	16.00				0.82	1.00			24.5	
12.75	5.75	18.50			2.53	2.84	3.45			38.5	65206
10.00	5.00	15.00				2.47	3.00			31.8	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65207	Federal Chemical Co. Sweepstakes Corn and Wheat Grower	Manufacturer..... Guaranteed.....
65208	Blue Ribbon Meal Mixture	Manufacturer..... Guaranteed.....
65209	Mogul Potash Fertilizer	Manufacturer..... Guaranteed.....
65695	1st Prize High Grade Phosphate	Farmers Union Supply Co., Russellville.....
65979		W. R. Jones, Utica..... Guaranteed.....
65211	1st Prize Phosphate	Manufacturer..... Guaranteed.....
65212	1st Prize Standard Phosphate	Manufacturer..... Guaranteed.....
65213	1st Prize Special Phosphate Mixture	Manufacturer..... Guaranteed.....
65214	1st Prize Raw Bone	Manufacturer..... Guaranteed.....
	Ford Motor Co., Rouge Plant, Dearborn, Mich.	
66354	Ford Ammonium Sulphate	J. B. Taylor and Sons, Lewisport..... Guaranteed.....
	Fox Chem. Co., Br. Federal Chem. Co., Inc., Louisville, Ky.	
65215	Fox Ideal Fertilizer	Manufacturer..... Guaranteed.....
66355	Fox Blood, Bone Phosphate and Potash	T. Z. Leachman, Greensburg..... Guaranteed.....
65219	Fox High Grade Special	Manufacturer..... Guaranteed.....
65220	Fox Wheat and Grain Special	Manufacturer..... Guaranteed.....
65222	Early Harvest Tobacco Grower	Manufacturer..... Guaranteed.....
65223	Fox Formula	Manufacturer..... Guaranteed.....
65699	Fox Crop and Tobacco Grower	Staggs Bros. Co., Vanceburg..... Guaranteed.....
65981	Fox Wheat and Corn Manure	W. A. Sparks, London..... Guaranteed.....
65227	Fox Wheat and Corn Grower	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
13.40	8.00	21.40			1.15	1.15	1.40			30.2	65207
10.00	10.00	20.00				0.82	1.00			23.9	
11.30	9.60	20.90			1.97	1.97	2.39			32.6	65208
10.00	10.00	20.00				1.65	2.00			28.9	
9.50	11.10	20.60							2.63	26.6	65209
8.00	8.00	16.00							2.00	21.2	
16.95	1.65	18.60								20.3	65695
16.20	2.80	19.00								19.4	65979
16.00	2.00	18.00								19.2	
16.35	4.00	20.35								19.6	65211
14.00	2.00	16.00								16.8	
14.75	6.15	20.90								17.7	65212
12.00	2.00	14.00								14.4	
11.80	11.20	23.00								14.2	65213
10.00	10.00	20.00								12.0	
		22.00	70	30	0.39	4.76	5.78			46.2	65214
		22.00				3.71	4.50			39.9	
						20.86	25.32			125.2	66354
						20.80	25.26			124.8	
15.05	5.55	20.60			0.88	0.88	1.07		1.16	33.6	65215
11.50	4.00	15.50				0.41	0.50		0.50	22.8	
11.80	4.50	16.30			0.24	0.45	0.55	1.06		25.4	66355
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
13.95	4.90	18.85			0.74	0.74	0.90		6.03	45.4	65219
11.00	4.00	15.00				0.41	0.50		5.00	35.6	
15.55	4.50	20.05			1.22	1.22	1.48		1.70	37.6	65220
12.00	4.00	16.00				0.82	1.00		1.00	27.5	
13.25	7.40	20.65			1.16	1.16	1.41		2.61	37.6	65222
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
14.55	4.60	19.15			1.23	1.23	1.49		3.70	42.2	65223
11.00	4.00	15.00				0.82	1.00		3.00	32.0	
9.00	0.75	9.75				0.60	0.73	4.73		31.6	65699
8.00	4.00	12.00				0.82	1.00		4.00	30.5	
8.50	2.30	10.80			1.24	1.61	1.95	2.06		29.5	65981
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
14.10	5.35	19.45			2.07	2.07	2.51		2.79	44.1	65227
10.00	4.00	14.00				1.65	2.00		2.00	32.5	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Fox Chemical Co., Br. Federal Chemical Co., Inc.	
65228	Fox Vegetable Grower	Manufacturer..... Guaranteed.....
65230	Red Fox Mixture	Manufacturer..... Guaranteed.....
65231	Fox Ammoniated Phosphate	Manufacturer..... Guaranteed.....
65232	Fox Ammoniated Fertilizer	Manufacturer..... Guaranteed.....
65233	Fox Double Quick Corn and Wheat Grower	Manufacturer..... Guaranteed.....
65234	Fox Half and Half Meal Mixture	Manufacturer..... Guaranteed.....
65235	Fox Ideal Potash Fertilizer	Manufacturer..... Guaranteed.....
65236	Fox Potash Special	Manufacturer..... Guaranteed.....
65237	Fox Bone Phosphate and Potash	Manufacturer..... Guaranteed.....
65238	Fox Bone Phosphate	Manufacturer..... Guaranteed.....
65702	Fox High Grade Phosphate	Staggs Bros. Co., Vanceburg.....
65703		N. B. Triplett, Waynesburg.....
65983		Lancaster-Smith Seed Co., Owensboro.....
66216		Harrison Austin, Beaver Dam.....
66356		T. Z. Leachman, Greensburg.....
66357		Staggs Bros. and Co., Vanceburg..... Guaranteed.....
65240	Fox Phosphate	Manufacturer..... Guaranteed.....
65241	Fox Standard Phosphate	Manufacturer..... Guaranteed.....
65242	Fox Special Phosphate Mixture	Manufacturer..... Guaranteed.....
65243	Fox Raw Bone	Manufacturer..... Guaranteed.....
	Globe Fert. Co., Br. Federal Chem. Co., Inc., Louisville, Ky.	
65244	Globe Good Grower Fertilizer	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
11.40	6.75	18.15			2.16	2.16	2.62		5.70	49.9	65228
8.00	4.00	12.00				1.65	2.00		5.00	38.5	
15.90	5.60	21.50			0.82	0.82	1.00			31.0	65230
12.00	4.00	16.00				0.41	0.50			22.1	
18.20	1.30	19.50			0.74	0.74	0.90			32.3	65231
15.00	4.00	19.00				0.41	0.50			26.6	
12.75	5.75	18.50			2.53	2.84	3.45			38.5	65232
10.00	5.00	15.00				2.47	3.00			31.8	
13.40	8.00	21.40			1.15	1.15	1.40			30.2	65233
10.00	10.00	20.00				0.82	1.00			23.9	
11.30	9.60	20.90			1.97	1.97	2.39			32.6	65234
10.00	10.00	20.00				1.65	2.00			28.9	
9.50	11.10	20.60							2.63	26.6	65235
8.00	8.00	16.00							2.00	21.2	
13.00	7.40	20.40							2.95	31.3	65236
10.00	2.00	12.00							2.00	21.8	
11.90	8.00	19.90						0.56	4.06	37.9	65237
10.00	2.00	12.00							4.00	27.8	
15.40	4.10	19.50						0.56	2.56	34.1	65238
12.00	2.00	14.00							2.00	24.8	
17.30	0.55	17.85								20.8	65702
16.60	0.60	17.20								19.9	65703
18.00	2.70	20.70								21.6	65983
17.30	1.80	19.10								20.8	66216
17.70	2.70	20.40								21.2	66356
17.90	2.30	20.20								21.5	66357
16.00	2.00	18.00								19.2	
16.35	4.00	20.35								19.6	65240
14.00	2.00	16.00								16.8	
14.75	6.15	20.90								17.7	65241
12.00	2.00	14.00								14.4	
11.80	11.20	23.00								14.2	65242
10.00	10.00	20.00								12.0	
		22.00	70	30	0.39	4.78	5.78			46.2	65243
		22.00				3.71	4.50			39.9	
15.05	5.55	20.60			0.88	0.88	1.07		1.16	33.6	65244
11.50	4.00	15.50				0.41	0.50		0.50	22.8	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Globe Fert. Co., Br. Federal Chem. Co., Inc.	
65704	Globe Blood, Bone Phosphate and Potash	J. L. Riney, Rineyville.....
65705		Phelps and Miller, Jamestown.....
65984		I. K. Miller and Sons, Campbellsville.....
66217		Farmers Union Supply Co., Bowling Green.....
		Guaranteed.....
65246	Globe Grain and Grass Grower	Manufacturer.....
		Guaranteed.....
65706	Globe Money Maker	A. E. Sullivan, Russell Springs.....
		Guaranteed.....
65248	Globe High Grade Special	Manufacturer.....
		Guaranteed.....
65708	†Progress Corn and Wheat Grower	Stapp and Dowell, Esto.....
66222		Louis Neff and Son, Liberty.....
66358		R. E. Collis, Bedford.....
		Guaranteed.....
65709	Progress Tobacco Grower	A. R. Freeman, Slick Rock.....
65985		R. E. Collis, Bedford.....
		Guaranteed.....
65710	Universal Crop and Tobacco Grower	A. E. Sullivan, Russell Springs.....
		Guaranteed.....
65987	Eagle Wheat and Corn Grower	Moss and Gibson, Crestwood.....
		Guaranteed.....
65258	Globe Soluble Vegetable Manure	Manufacturer.....
		Guaranteed.....
65715	†Ky. Standard Tobacco Grower	E. F. Pearson, Franklin.....
		Guaranteed.....
66224	Globe Grain-O-Phosphate	T. M. Zachery, Liberty.....
		Guaranteed.....
65263	Globe Golden Harvest	Manufacturer.....
		Guaranteed.....
65264	Globe Double Value Corn and Wheat Grower	Manufacturer.....
		Guaranteed.....
65266	Globe Tip Top Potash Fertilizer	Manufacturer.....
		Guaranteed.....
65267	Globe Potash Special	Manufacturer.....
		Guaranteed.....
65992	Globe Bone Phosphate and Potash	Bedford and Tuttle, Winchester.....
		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
11.90	1.70	13.60				0.43	0.52	1.01		24.1	65704
11.15	3.25	14.40			0.24	0.45	0.55	0.96		23.6	65705
11.50	1.20	12.70			0.26	0.50	0.61	1.16		24.2	65984
12.30	3.80	16.10			0.40	0.40	0.49	1.07		25.6	66217
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
14.55	6.45	21.00			0.82	0.82	1.00		1.55	34.0	65246
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
12.90	4.10	17.00				0.53	0.64	0.89		26.8	65706
13.00	4.00	17.00				0.41	0.50		1.00	26.6	
13.95	4.90	18.85			0.74	0.74	0.90		6.03	45.4	65248
11.00	4.00	15.00				0.41	0.50		5.00	35.6	
9.85	2.95	12.80			0.22	0.71	0.86	2.15		26.7	65708
10.20	1.75	11.95			0.36	0.68	0.83	2.48		27.5	66222
11.60	2.00	13.60			0.35	0.77	0.93	1.61		27.7	66358
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
9.65	2.40	12.05			0.68	1.42	1.72	1.88		29.6	65709
11.10	0.90	12.00			0.83	0.83	1.01	2.29		28.9	65985
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
7.90	3.45	11.35			0.45	0.89	1.08	5.12		33.9	65710
8.00	4.00	12.00				0.82	1.00		4.00	30.5	
9.10	0.90	10.00			1.10	1.37	1.66	2.70		30.3	65987
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
10.10	9.30	19.40			2.11	2.11	2.56		5.08	46.8	65258
8.00	4.00	12.00				1.65	2.00		5.00	38.5	
8.45	2.70	11.15			1.09	1.47	1.78	5.30		38.5	65715
8.00	4.00	12.00				1.65	2.00		5.00	38.5	
16.05	0.90	16.95				0.42	0.51			27.0	66224
15.00	4.00	19.00				0.41	0.50			26.6	
12.75	5.75	18.50			2.53	2.84	3.45			38.5	65263
10.00	5.00	15.00				2.47	3.00			31.8	
13.40	8.00	21.40			1.15	1.15	1.40			30.2	65264
10.00	10.00	20.00				0.82	1.00			23.9	
9.50	11.10	20.60							2.63	26.6	65266
8.00	8.00	16.00							2.00	21.2	
13.00	7.40	20.40							2.95	31.3	65267
10.00	2.00	12.00							2.00	21.8	
10.90	0.80	11.70						3.79		28.0	65992
10.00	2.00	12.00							4.00	27.8	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Globe Fert. Co., Br. Federal Chem. Co., Inc.	
65269	Globe Potash Compound	Manufacturer----- Guaranteed-----
65717	Globe High Grade Phosphate	C. M. Gossom, Glasgow-----
65718		Willie Grider and Son, Russell Springs-----
65993		S. A. Browning, Vanceburg-----
66225		T. M. Zachery, Liberty-----
66226		W. H. Broach, Murray-----
66227		Farmers Union Supply Co., Bowling Green----- Guaranteed-----
65719	Globe Phosphate	Vernon Holt, Jamestown-----
65720		I. K. Miller and Sons, Campbellsville----- Guaranteed-----
65272	Globe Standard Phosphate	Manufacturer----- Guaranteed-----
65273	Globe Special Phosphate Mixture	Manufacturer----- Guaranteed-----
66228	Globe Raw Bone	I. K. Miller and Sons, Campbellsville----- Guaranteed-----
	Groves Fertilizer Works, Cincinnati, Ohio.	
65337	Square Brand 2-12-2	Manufacturer----- Guaranteed-----
65338	Square Brand 2-14-2	Manufacturer----- Guaranteed-----
65339	Square Brand 2-12-4	Manufacturer----- Guaranteed-----
65994	Square Brand 3-12-4	Ferrell and Foster, Bagdad----- Guaranteed-----
65342	Square Brand 2-12-6	Manufacturer----- Guaranteed-----
65995	Square Brand 2-8-16	Ferrell and Foster, Bagdad----- Guaranteed-----
65344	Square Brand 0-12-6	Manufacturer----- Guaranteed-----
65345	Square Brand 0-14-4	Manufacturer----- Guaranteed-----
65346	Square Brand 0-10-10	Manufacturer----- Guaranteed-----
65347	Square Brand 0-12-12	Manufacturer----- Guaranteed-----

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
15.40	4.10	19.50						0.56	2.56	34.1	65269
12.00	2.00	14.00							2.00	24.8	
17.00	1.85	18.85								20.4	65717
16.75	2.10	18.85								20.1	65718
17.00	1.60	18.60								20.4	65993
18.05	0.55	18.60								21.7	66225
16.85	2.55	19.40								20.2	66226
16.45	2.10	18.55								19.7	66227
16.00	2.00	18.00								19.2	
15.15	2.50	17.65								18.2	65719
14.75	0.50	15.25								17.7	65720
14.00	2.00	16.00								16.8	
14.75	6.15	20.90								17.7	65272
12.00	2.00	14.00								14.4	
11.80	11.20	23.00								14.2	65273
10.00	10.00	20.00								12.0	
		21.25	86	14	0.21	4.20	5.10			42.2	66228
		22.00				3.71	4.50			39.9	
12.80	2.80	15.60			1.25	1.83	2.22	2.23		38.0	65337
12.00	1.00	13.00				1.65	2.00	2.00		34.3	
14.60	2.90	17.50			1.21	1.80	2.19	2.39		41.0	65338
14.00	1.00	15.00				1.65	2.00	2.00		37.3	
13.30	2.00	15.30			1.27	1.83	2.22	4.62		45.6	65339
12.00	1.00	13.00				1.65	2.00	4.00		40.3	
11.80	2.60	14.40			1.74	2.41	2.93	4.07		45.4	65994
12.00	1.00	13.00				2.47	3.00	4.00		45.2	
13.50	1.60	15.10			1.29	1.75	2.12	6.52		51.0	65342
12.00	1.00	13.00				1.65	2.00	6.00		46.3	
7.90	1.80	9.70			0.76	1.48	1.80	17.67		74.5	65995
8.00	1.00	9.00				1.65	2.00	16.00		70.3	
12.20	2.50	14.70						6.64		39.2	65344
12.00	1.00	13.00						6.00		36.4	
13.80	3.60	17.40						4.25		34.9	65345
14.00	1.00	15.00						4.00		33.4	
10.60	1.80	12.40						10.67		48.5	65346
10.00	1.00	11.00						10.00		45.4	
12.90	1.60	14.50						12.91		58.7	65347
12.00	1.00	13.00						12.00		54.4	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Groves Fertilizer Works.	
65348	Square Brand 0-8-24	Manufacturer..... Guaranteed.....
65349	Square Brand 4-12-0	Manufacturer..... Guaranteed.....
65350	Square Brand 1-8-1	Manufacturer..... Guaranteed.....
65722	Square Brand 1-8-4	Aaron Moore, Leitchfield..... Guaranteed.....
65352	Square Brand 0-10-4	Manufacturer..... Guaranteed.....
65353	Square Brand 1-10-2	Manufacturer..... Guaranteed.....
65723	16% Acid Phosphate	G. W. Howard, Rineyville.....
65724		J. A. McAninch, Gilpin.....
65996		J. C. Everett Co., Maysville..... Guaranteed.....
65355	20% Acid Phosphate	Manufacturer..... Guaranteed.....
65356	Half and Half	Manufacturer..... Guaranteed.....
65357	Bone and Potash Mixture	Manufacturer..... Guaranteed.....
65725	†Perfect Driller	J. A. McAninch, Gilpin..... Guaranteed.....
65360	Bone Meal	Manufacturer..... Guaranteed.....
65361	Raw Bone	Manufacturer..... Guaranteed.....
	Hall Seed Co., Louisville, Ky.	
65504	Halco High Grade Vegetable Grower	Manufacturer..... Guaranteed.....
65505	Halco Tobacco Grower	Manufacturer..... Guaranteed.....
65506	Halco Acid Phosphate	Manufacturer..... Guaranteed.....
65507	Halco Corn and Wheat Grower	Manufacturer..... Guaranteed.....
65508	Halco Potato Grower	Manufacturer..... Guaranteed.....
65509	Halco Vegetable Grower	Manufacturer..... Guaranteed.....
65511	Halco Potato and Tobacco Grower	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN			POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total	Equivalent to Ammonia	Muriate	Sulfate		
7.30	2.50	9.80						25.70		89.1	65348
8.00	1.00	9.00						24.00		84.4	
12.70	2.60	15.30			2.45	3.55	4.31			41.4	65349
12.00	1.00	13.00				3.29	4.00			38.1	
8.00	2.40	10.40			0.57	0.96	1.17	1.39		22.9	65350
8.00	1.00	9.00				0.82	1.00	1.00		20.3	
9.25	1.40	10.65			0.64	0.91	1.10	5.41		36.1	65722
8.00	1.00	9.00				0.82	1.00	4.00		29.3	
10.50	2.40	12.90						4.61		30.5	65352
10.00	1.00	11.00						4.00		27.4	
9.80	2.50	12.30			0.58	1.04	1.26	2.12		28.3	65353
10.00	1.00	11.00				0.82	1.00	2.00		26.3	
16.45	2.45	18.90								19.7	65723
16.30	3.35	19.65								19.6	65724
16.50	2.70	19.20								19.8	65996
16.00	1.00	17.00								19.2	
19.20	5.00	24.20								23.0	65355
20.00	1.00	21.00								24.0	
8.10	10.40	18.50			1.15	2.05	2.49	2.29		35.5	65356
8.00	8.00	16.00				1.65	2.00	2.00		31.1	
10.20	11.70	21.90			0.50	1.22	1.48	5.65		44.3	65357
10.00	10.00	20.00				0.82	1.00	5.00		38.9	
8.60	14.70	23.30				0.47	0.57			21.6	65725
8.00	8.00	16.00				0.41	0.50			17.7	
		28.50	79	21	1.16	2.93	3.56			40.4	65360
		27.00				2.47	3.00			36.4	
		24.35	76	24		3.31	4.02			39.3	65361
		22.00				3.71	4.50			39.9	
8.70	1.85	10.55			1.44	2.51	3.05	1.24	5.03	47.7	65504
8.00	1.00	9.00				2.47	3.00		6.00	45.2	
11.20	2.40	13.60			0.49	0.93	1.13		1.74	28.6	65505
10.00	1.00	11.00				0.82	1.00	2.00		26.3	
16.50	1.75	18.25								19.8	65506
16.00	1.00	17.00								19.2	
9.80	3.90	13.70			0.30	0.83	1.01			21.2	65507
10.00	1.00	11.00				0.82	1.00			20.3	
9.90	2.80	12.70			1.01	1.70	2.06			26.2	65508
10.00	1.00	11.00				1.65	2.00			25.3	
11.20	1.60	12.80			2.13	3.28	3.98			37.1	65509
10.00	1.00	11.00				3.29	4.00			35.1	
8.40	2.80	11.20			1.13	1.66	2.02	2.81		32.1	65511
8.00	1.00	9.00				1.65	2.00	3.00		31.3	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65512	Hall Seed Co. Halco Half Bone and Phosphate	Manufacturer..... Guaranteed.....
65513	Halco Bone Meal	Manufacturer..... Guaranteed.....
65514	Halco Raw Bone	Manufacturer..... Guaranteed.....
65515	Halco 14% Phosphate	Manufacturer..... Guaranteed.....
65594	Herbert Stone and Fertilizer Co., Nashville, Tenn. 16% Acid Phosphate	Manufacturer..... Guaranteed.....
65998	Hopkins Fertilizer Co., New Albany, Ind. Nitrate of Soda	Duncan and Sherley, La Grange..... Guaranteed.....
66229	†Ammoniated Special	Duncan and Sherley, La Grange.....
66230		Johnson Lumber and Supply Co., Buechel..... Guaranteed.....
66000	†Wheat and Corn Grower No. 1	Crawford and Snyder, Milton.....
66001		W. F. McClure, Bedford.....
66002		L. C. Goering, Hawesville.....
66231		Hutcheson Bros., Auburn.....
66364		Crawford and Snyder, Milton..... Guaranteed.....
65726	Superior	Johnson Lumber and Supply Co., Buechel.....
65727		Lindsey, Orr and Co., Elkton.....
66003		W. T. Crum, Smithfield.....
66233		Hutcheson Bros., Auburn..... Guaranteed.....
64981	Red Banner Special	Manufacturer..... Guaranteed.....
66234	General Crop Grower	Chas. Stone, Leitchfield..... Guaranteed.....
65728	Truck, Potato and Tobacco Grower	Trigg County Feed and Produce Co., Cadiz.....
66004		Bohannon and Stedman, Versailles.....
66005		R. A. Newton and Co., Shelbyville..... Guaranteed.....
65729	†Blackland Special	W. F. Neeley, Glasgow..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
15.10	7.30	22.40				0.90	1.09			31.0	65512
10.00	10.00	20.00				0.82	1.00			23.9	
		26.30	77	23	0.32	2.59	3.14			36.6	65513
		27.00				2.47	3.00			36.4	
		22.25	82	18	0.32	4.14	5.03			42.6	65514
		22.00				3.71	4.50			39.9	
14.40	2.60	17.00								17.3	65515
14.00	1.00	15.00								16.8	
20.10	1.30	21.40								24.1	65794
16.00										19.2	
						15.84	19.23			95.0	65998
						15.00	18.21			90.0	
10.40	2.55	12.95			0.84	3.24	3.93			36.1	66229
10.05	6.20	16.25			1.98	3.31	4.02			37.4	66230
10.00	2.00	12.00				3.29	4.00			35.5	
11.00	1.70	12.70			0.30	0.54	0.66	0.80	1.62	27.7	66000
11.10	0.80	11.90			0.29	0.53	0.64	2.19		26.7	66001
11.00	1.30	12.30			0.46	0.46	0.56	0.60		25.2	66002
10.30	0.70	11.00			0.20	0.40	0.49	1.60	1.21	24.4	66231
10.20	1.40	11.60			0.24	0.61	0.74	2.43	0.49	26.8	66364
10.00	2.00	12.00				0.41	0.50	2.00		24.3	
10.55	1.40	11.95			1.24	1.84	2.23	5.06		42.6	65726
11.15	1.25	12.40			0.98	1.58	1.92	5.02		41.8	65727
9.90	1.90	11.80			1.21	1.88	2.28	4.09		39.2	66003
10.10	2.40	12.50			0.54	1.49	1.81	3.40	0.82	37.7	66233
10.00	2.00	12.00				1.65	2.00	4.00		37.7	
8.30	1.00	9.30			1.12	2.06	2.50	0.32	4.68	40.2	64981
8.00	2.00	10.00				0.82	1.00	3.00		26.7	
12.20	2.00	14.20			0.72	1.66	2.02	2.44		36.4	66234
12.00	2.00	14.00				1.65	2.00	2.00		34.7	
10.50	3.80	14.30			1.27	2.46	2.99	3.34		42.1	65728
10.40	3.30	13.70			0.58	2.64	3.20	3.49		43.2	66004
10.40	3.10	13.50			0.42	2.39	2.90	2.28	1.60	42.8	66005
10.00	2.00	12.00				2.47	3.00	3.00		39.6	
11.20	1.20	12.40						5.99		35.3	65729
10.00	2.00	12.00						6.00		33.8	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From, Whom Obtained
66235	Hopkins Fertilizer Co. Two-In-One	S. E. Walker, Limp----- Guaranteed-----
65730 66007 66236	Half and Half No. 1	W. L. Kimbrough and Son, Guthrie----- W. T. Crum, Smithfield----- S. E. Walker, Limp----- Guaranteed-----
66008 66237	Pure Raw Bone	Duncan and Sherley, La Grange----- Johnson Lumber and Supply Co., Buechel-----
66238		Duncan and Sherley, La Grange----- Guaranteed-----
64988	Pig Knuckle Bone Meal	Manufacturer----- Guaranteed-----
65731 66009 66239 66240 66241 66365	Climax Acid Phosphate	Conner-Hayden and Co., Bardstown----- Crawford and Snyder, Milton----- Thomas-Hinton Co., Bowling Green----- S. E. Redford, Glasgow----- Conner-Hayden and Co., Bardstown----- Crawford and Snyder, Milton----- Guaranteed-----
64990	Muriate of Potash	Manufacturer----- Guaranteed-----
65732	†Burley Grower	Johnson Lumber and Supply Co., Buechel-----
66010		Haggard and Paynter, Winchester-----
66011		C. M. Embry, Richmond----- Guaranteed-----
65733 66243	Potato Grower	Johnson Lumber and Supply Co., Buechel----- Johnson Lumber and Supply Co., Buechel----- Guaranteed-----
	International Agricultural Corp., Inc., Cincinnati, Ohio.	
65365	I. A. C. Tobacco and Truck Grower	Manufacturer----- Guaranteed-----
65366	I. A. C. Potato and Tobacco Grower	Manufacturer----- Guaranteed-----
65734 66012	I. A. C. A-1 Tobacco Fertilizer	C. A. Ray, Rocky Hill----- J. W. Bratcher, Berea----- Guaranteed-----
65368	I. A. C. 2-16-2 Special	Manufacturer----- Guaranteed-----

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.50	10.60	19.10				0.84	1.65	2.00	2.19	33.5	66235
8.00	8.00	16.00				1.65	2.00	2.00		31.1	
10.00	3.05	13.05			0.87	1.78	2.16	1.73		32.1	65730
6.10	8.00	14.10			0.96	1.69	2.05	1.34		26.5	66007
7.25	5.35	12.60			0.85	1.55	1.88	1.20		25.9	66236
6.00	7.00	13.00				1.65	2.00	1.00		24.7	
		21.10	61	39	0.49	4.10	4.98			41.5	66008
		21.05	50	50		3.54	4.30			38.1	66237
		22.55	48	52		3.77	4.58			40.7	66238
		21.50				3.50	4.25			38.2	
		25.00	69	31	0.42	2.22	2.70			33.3	64988
		22.00				2.00	2.43			29.6	
17.00	3.75	20.75								20.4	65731
17.60	1.50	19.10								21.1	66009
16.40	3.50	19.90								19.7	66239
16.65	0.70	17.35								20.0	66240
16.05	3.50	19.55								19.3	66241
16.00	5.20	21.20								19.2	66365
16.00	2.00	18.00								19.2	
								50.56		151.7	64990
								50.00		150.0	
8.90	2.35	11.25			0.42	2.47	3.00	6.44		48.4	65732
10.00	1.20	11.20			1.85	2.29	2.78	6.30		48.1	66010
8.10	5.20	13.30			1.28	2.45	2.97	5.99		46.9	66011
8.00	2.00	10.00				2.47	3.00	6.00		45.6	
9.10	1.10	10.20			0.69	1.66	2.02	3.57		34.8	65733
8.45	2.80	11.25			0.47	1.55	1.88	2.20	0.79	32.1	66243
8.00	2.00	10.00				1.65	2.00	3.00		31.7	
8.50	4.30	12.80			0.92	1.83	2.22	0.92	9.51	56.7	65365
8.00	4.00	12.00				1.65	2.00		10.00	53.5	
8.10	4.90	13.00			1.42	2.47	3.00	0.64	5.90	48.6	65366
8.00	4.00	12.00				2.47	3.00		6.00	46.4	
10.45	1.30	11.75			1.13	1.72	2.09	4.92		41.3	65734
11.10	5.80	16.90			0.92	1.71	2.08	4.36		42.3	66012
10.00	4.00	14.00				1.65	2.00		4.00	38.5	
16.50	0.90	17.40			1.32	1.63	1.98	2.25		41.6	65368
16.00	1.00	17.00				1.65	2.00	2.00		40.3	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	International Agricultural Corp., Inc.	
65735	I. A. C. High Grade Fertilizer	Geo. W. Richardson, Somerset Guaranteed
65737	†I. A. C. Farmers Favorite Manure	Q. F. Combs, Pembroke Guaranteed
66247	I. A. C. Wheat and Corn Grower	R. H. Lile, Clarkson Guaranteed
65374	I. A. C. Potato and Truck Grower	Manufacturer Guaranteed
65375	I. A. C. High Grade Special	Manufacturer Guaranteed
65376	I. A. C. Corn and Grain Grower	Manufacturer Guaranteed
65378	I. A. C. Potash Fertilizer	Manufacturer Guaranteed
65739	I. A. C. 20% Acid Phosphate	Geo. W. Richardson, Somerset Guaranteed
65740	I. A. C. Standard Acid Phosphate	C. M. Langdon, Science Hill
65741		W. E. Ellis and Bro., Hartford
66013		J. W. Bratcher, Berea
66249		C. M. Langdon, Science Hill
66250		W. E. Ellis and Bro., Hartford
66251		R. H. Lile, Clarkson
66366		McKenzie and Herrin, Eubank Guaranteed
66252	I. A. C. Bone Mixture	R. H. Lile, Clarkson Guaranteed
65382	I. A. C. Nitrate of Soda	Manufacturer Guaranteed
65383	I. A. C. Muriate of Potash	Manufacturer Guaranteed
65384	Buffalo Tobacco Special	Manufacturer Guaranteed
66015	†Buffalo Tobacco and Potato Grower	H. L. Sparks and Co., N. Pleasureville Guaranteed
65742	†Buffalo High Grade Tobacco Special	W. E. Ellis and Bro., Hartford
66016		J. F. Collier and Co., Paris Guaranteed
65387	Buffalo Special Two Sixteen Two	Manufacturer Guaranteed
66019	†Buffalo Tobacco and Corn Grower	J. W. Hardyman, Flemingsburg Guaranteed
66020	Buffalo Kentucky Standard	J. W. Hardyman, Flemingsburg Guaranteed

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
12.50	1.20	13.70			1.25	1.74	2.11	2.89		38.3	65735
12.00	4.00	16.00				1.65	2.00	2.00		35.5	
10.90	4.10	15.00			0.58	0.90	1.09	3.08		32.6	65737
10.00	5.00	15.00				0.82	1.00	3.00		30.9	
10.75	3.15	13.90			0.31	0.55	0.67	1.12		24.1	66247
11.00	5.00	16.00				0.41	0.50	1.00		24.0	
9.90	4.80	14.70			1.92	3.25	3.95			36.3	65374
10.00	5.00	15.00				3.29	4.00			36.7	
9.90	5.60	15.50			1.35	2.39	2.90			31.4	65375
10.00	5.00	15.00				2.47	3.00			31.8	
12.50	4.60	17.10			1.09	1.93	2.34			32.2	65376
12.00	5.00	17.00				1.65	2.00			29.9	
12.90	2.00	14.90						2.20		26.8	65378
12.00	5.00	17.00						2.00		26.0	
20.70	0.40	21.10								24.8	65739
20.00	1.00	21.00								24.0	
16.45	2.40	18.85								19.7	65740
18.70	1.10	19.80								22.4	65741
17.70	1.30	19.00								21.2	66013
16.95	1.95	18.90								20.3	66249
18.35	1.35	19.70								22.0	66250
16.70	1.85	18.55								20.0	66251
17.90	1.40	19.30								21.5	66366
16.00	2.00	18.00								19.2	
		23.50	83	17	0.52	0.91	1.10			24.3	66252
		22.00				0.82	1.00			22.5	
						15.72	19.08			94.3	65382
						14.83	18.00			89.0	
								49.80		149.4	65383
								50.00		150.0	
8.50	4.30	12.80			0.92	1.83	2.22	0.92	9.51	56.7	65384
8.00	4.00	12.00				1.65	2.00		10.00	53.5	
8.40	5.30	13.70			1.15	2.53	3.07	6.54		49.5	66015
8.00	4.00	12.00				2.47	3.00		6.00	46.4	
10.80	3.50	14.30			1.09	1.83	2.22	0.88	3.62	42.1	65742
10.60	2.80	13.40			1.12	1.61	1.95	3.84		38.2	66016
10.00	4.00	14.00				1.65	2.00		4.00	38.5	
16.50	0.90	17.40			1.32	1.63	1.98	2.25		41.6	65387
16.00	1.00	17.00				1.65	2.00	2.00		40.3	
8.10	6.70	14.80			0.93	1.87	2.27	2.70		34.2	66019
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
9.90	7.00	16.90			0.41	1.03	1.25	3.90		35.5	66020
10.00	5.00	15.00				0.82	1.00	3.00		30.9	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
66021	International Agricultural Corp., Inc. Buffalo Corn and Grain Grower	J. W. Hardyman, Flemingsburg..... Guaranteed.....
65393	Buffalo Ammoniated Phosphate	Manufacturer..... Guaranteed.....
65394	Buffalo Grain Grower	Manufacturer..... Guaranteed.....
65395	Buffalo Potash Mixture	Manufacturer..... Guaranteed.....
65396	Buffalo Phosphate and Potash	Manufacturer..... Guaranteed.....
65397	Buffalo 18% Acid Phosphate	Manufacturer..... Guaranteed.....
65745	Buffalo 16% Acid Phosphate	Geo. W. Richardson, Somerset.....
65746		J. G. Warner, Waynesburg.....
66367		Geo. W. Richardson, Somerset..... Guaranteed.....
65399	Buffalo Special Bone and Phosphate	Manufacturer..... Guaranteed.....
65400	Buffalo Bone Meal	Manufacturer..... Guaranteed.....
	The Jarecki Chemical Co., Armour Owned, Louisville, Cincinnati, Nash- ville.	
65747	Jarecki's 1-12-1 Lake Erie Fertilizer	Ryley Correll, Correll.....
65748		Stapp and Dowell, Esto..... Guaranteed.....
65010	Jarecki's 1-8-4 Fertilizer	Manufacturer..... Guaranteed.....
66024	†Jarecki's Burley Tobacco Grower	Ramsey and Mason, Mt. Sterling..... Guaranteed.....
66025	Jarecki's 2-12-2 Fertilizer	Ramsey and Mason, Mt. Sterling..... Guaranteed.....
65013	Jarecki's 2-14-2 Fertilizer	Manufacturer..... Guaranteed.....
65014	Jarecki's 2-16-2 Fertilizer	Manufacturer..... Guaranteed.....
65015	Jarecki's 2-12-6 Fertilizer	Manufacturer..... Guaranteed.....
65016	Jarecki's 3-12-4 Fertilizer	*..... Guaranteed.....
65017	Jarecki's 4-12-0 Fertilizer	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.20	7.00	15.20			0.38	0.91	1.10	2.09		26.8	66021
8.00	5.00	13.00				0.82	1.00	2.00		24.9	
12.50	4.60	17.10			1.09	1.93	2.34			32.2	65393
12.00	5.00	17.00				1.65	2.00			29.9	
13.20	4.80	18.00			0.55	0.90	1.09			27.1	65394
13.00	5.00	18.00				0.82	1.00			26.4	
11.10	1.60	12.70						5.27		33.1	65395
10.00	5.00	15.00						5.00		32.0	
12.90	2.00	14.90						2.20		26.8	65396
12.00	5.00	17.00						2.00		26.0	
19.70	1.30	21.00								23.6	65397
18.00	1.00	19.00								21.6	
18.40	1.10	19.50								22.1	65745
16.40	1.40	17.80								19.7	65746
18.10	1.55	19.65								21.7	66367
16.00	2.00	18.00								19.2	
		24.50	78	22	0.52	0.93	1.13			25.2	65399
		22.00				0.82	1.00			22.5	
		26.10	60	40		1.90	2.31			32.3	65400
		27.00				1.65	2.00			31.5	
12.60	1.30	13.90			0.71	1.03	1.25	1.30		29.5	65747
12.40	0.60	13.00			0.41	0.73	0.89	0.91		26.0	65748
12.00	1.00	13.00				0.82	1.00	1.00		26.3	
8.75	2.55	11.30			0.60	0.91	1.10	4.85		34.2	65010
8.00	1.00	9.00				0.82	1.00	4.00		29.3	
8.60	0.50	9.10			1.55	2.63	3.19	0.72		46.7	66024
8.00	1.00	9.00				2.47	3.00		5.21	45.2	
11.50	1.20	12.70			1.02	1.62	1.97	2.14	6.00	33.9	66025
12.00	1.00	13.00				1.65	2.00	2.00		34.3	
14.50	1.35	15.85			1.21	1.62	1.97	2.16		38.5	65013
14.00	1.00	15.00				1.65	2.00	2.00		37.3	
15.65	1.70	17.35			1.53	1.81	2.20	2.23		41.7	65014
16.00	1.00	17.00				1.65	2.00	2.00		40.3	
12.35	1.85	14.20			1.12	1.71	2.08	5.99		47.5	65015
12.00	1.00	13.00				1.65	2.00	6.00		46.3	
											65016
12.00	1.00	13.00				2.47	3.00	4.00		45.2	
12.85	0.70	13.55			2.26	3.30	4.01			39.4	65017
12.00	1.00	13.00				3.29	4.00			38.1	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Jarecki Chemical Co., Armour Owned.	
65018	Jarecki's 0-12-4 Fertilizer	Manufacturer..... Guaranteed.....
65019	Jarecki's 0-14-4 Fertilizer	Manufacturer..... Guaranteed.....
65749	Jarecki's 16% Acid Phosphate	C. L. and F. F. Dudley, Flemingsburg
65750		J. B. Laskey, Somerset..... Guaranteed.....
65022	Jarecki's 20% Acid Phosphate	Manufacturer..... Guaranteed.....
65023	Jarecki's Bone Meal and Acid Phosphate	Manufacturer..... Guaranteed.....
65024	Jarecki's Bone Meal	Manufacturer..... Guaranteed.....
65025	Jarecki's Raw Bone	Manufacturer..... Guaranteed.....
65026	Plant Bed Special	Manufacturer..... Guaranteed.....
65027	Jarecki's Dark Tobacco Grower	Manufacturer..... Guaranteed.....
65028	Jarecki's 4-8-3 Fertilizer	Manufacturer..... Guaranteed.....
65029	Jarecki's 2-12-0 Fertilizer	Manufacturer..... Guaranteed.....
65030	Jarecki's 1-12-1 Fertilizer	Manufacturer..... Guaranteed.....
66027	Jarecki's 1-10-1 Fertilizer	Mullikin and Craig, Bedford.....
65751		C. L. and F. F. Dudley, Flemingsburg..... Guaranteed.....
65032	Jarecki's 2-8-2 Fertilizer	Manufacturer..... Guaranteed.....
66028	Jarecki's 1-8-1 Fertilizer	Mullikin and Craig, Bedford..... Guaranteed.....
66029	Indian Brand Tobacco and Potato Fertilizer	Eminence Milling Co., Eminence..... Guaranteed.....
65134	Jarecki's 2-10-4 Fertilizer	Manufacturer..... Guaranteed.....
65525	Jarecki's 3-8-6 Fertilizer	Manufacturer..... Guaranteed.....
65576	Jarecki's Burley Tobacco Grower	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
12.45	1.95	14.40						3.95		31.3	65018
12.00	1.00	13.00						4.00		30.4	
15.25	1.40	16.65						5.12		38.7	65019
14.00	1.00	15.00						4.00		33.4	
16.90	1.50	18.40								20.3	65749
16.00	0.90	16.90								19.2	65750
16.00	1.00	17.00								19.2	
20.80	0.45	21.25								25.0	65022
20.00	1.00	21.00								24.0	
13.20	9.50	22.70				1.02	1.24			29.7	65023
10.00	10.00	20.00				0.82	1.00			23.9	
		26.90	85	15	0.38	2.47	3.00			36.3	65024
		27.00				2.47	3.00			36.4	
		24.35	63	37		3.95	4.80			43.2	65025
		22.00				3.71	4.50			39.9	
12.30	1.20	13.50			1.49	2.51	3.05	1.00	0.94	39.8	65026
12.00	1.00	13.00				2.47	3.00		2.00	39.2	
8.15	2.50	10.65			1.04	1.67	2.03		3.57	34.0	65027
8.00	1.00	9.00				1.65	2.00		4.00	34.3	
8.30	1.70	10.00			2.52	3.19	3.87	3.12		41.6	65028
8.00	1.00	9.00				3.29	4.00	3.00		41.1	
12.15	1.90	14.05			1.19	1.70	2.06			29.2	65029
12.00	1.00	13.00				1.65	2.00			28.3	
12.10	2.40	14.50			0.66	0.97	1.18	1.11		28.3	65030
12.00	1.00	13.00				0.82	1.00	1.00		26.3	
10.70	0.60	11.30			0.45	0.80	0.97	1.08		24.3	66027
10.25	0.85	11.10			0.42	0.80	0.97	1.03		23.6	65751
10.00	1.00	11.00				0.82	1.00	1.00		23.3	
8.65	3.05	11.70			1.17	1.66	2.02	2.21		30.8	65032
8.00	1.00	9.00				1.65	2.00	2.00		28.3	
8.20	1.10	9.30			0.54	0.89	1.08	1.12	0.68	23.5	66028
8.00	1.00	9.00				0.82	1.00	1.00		20.3	
8.50	1.70	10.20			2.16	2.44	2.96		5.70	45.2	66029
8.00	1.00	9.00				2.47	3.00		6.00	45.2	
10.35	1.75	12.10			1.10	1.62	1.97	4.05		38.1	65134
10.00	1.00	11.00				1.65	2.00	4.00		37.3	
8.55	1.70	10.25			2.02	2.60	3.16	6.93		49.9	65525
8.00	1.00	9.00				2.47	3.00	6.00		45.2	
8.15	0.70	8.85			1.68	2.69	3.27	1.40	4.60	47.7	65576
8.00	1.00	9.00				2.47	3.00		6.00	45.2	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The Jarecki Chemical Co., Armour Owned.	
66120	Jarecki's 2-14-2 Fertilizer	Manufacturer.....
		Guaranteed.....
66121	Jarecki's 2-29 Bone Meal	Manufacturer.....
		Guaranteed.....
	Ky. Fertilizer Co., Br. Federal Chem. Co., Inc., Louisville, Ky.	
65275	O. K. Special Mixture	Manufacturer.....
		Guaranteed.....
65752	†O. K. Grain Grower	C. M. Hill, Cecilia.....
66254		Smith and Smith, Shepherdsville.....
		Guaranteed.....
65753	O. K. Corn, Wheat and Oats Grower	Grover Lay, Russell Springs.....
65754		J. W. Burton, Columbia.....
		Guaranteed.....
65278	O. K. Old Reliable	Manufacturer.....
		Guaranteed.....
66368	†O. K. Special	J. L. Rogers, Milton.....
		Guaranteed.....
65281	O. K. Corn and Wheat Grower	Manufacturer.....
		Guaranteed.....
65284	O. K. Crop and Tobacco Grower	Manufacturer.....
		Guaranteed.....
66255	†Golden Leaf Tobacco Grower	L. R. Hart, Big Clifty.....
		Guaranteed.....
65286	O. K. Tobacco and Vegetable Grower	Manufacturer.....
		Guaranteed.....
65287	O. K. Mixture	Manufacturer.....
		Guaranteed.....
65288	O. K. Ammoniated Phosphate	Manufacturer.....
		Guaranteed.....
65289	O. K. Special Meal Mixture	Manufacturer.....
		Guaranteed.....
65290	O. K. Double-Header Corn and Wheat Grower	Manufacturer.....
		Guaranteed.....
65291	O. K. Half and Half Meal Mixture	Manufacturer.....
		Guaranteed.....
65292	Gold Medal Potash Fertilizer	Manufacturer.....
		Guaranteed.....
65757	O. K. Potash Special	E. C. Lawless, Jamestown.....
		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia ^{and}	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
14.50 14.00	1.35 1.00	15.85 15.00 28.90 29.00	81	19	1.21 0.99	1.62 1.65 1.96 1.65	1.97 2.00 2.38 2.00	2.16 2.00		38.5 37.3 34.9 33.1	66120 66121
15.05 11.50 12.10 12.30 11.00 10.90 11.00 11.00 15.65 13.00 11.25 11.00 13.25 10.00 11.35 8.00 8.20 8.00 10.90 8.00 15.90 12.00 18.20 15.00 12.75 10.00	5.55 4.00 2.20 1.20 4.00 3.10 3.00 4.00 4.65 4.00 2.00 4.00 7.40 4.00 8.85 4.00 1.90 4.00 5.40 4.00 5.60 4.00 1.30 4.00 5.75 5.00	20.60 15.50 14.30 13.50 15.00 14.00 14.00 15.00 20.30 17.00 13.25 15.00 20.65 14.00 20.20 12.00 10.10 12.00 16.30 12.00 21.50 16.00 19.50 19.00 18.50 15.00			0.88 0.14 0.20 0.28 0.72 0.39 1.16 1.31 1.26 2.20 0.82 0.74 2.53	0.88 0.41 0.35 0.31 0.41 0.35 0.43 0.41 0.72 0.41 0.39 1.16 1.31 1.65 2.20 0.82 0.74 2.84 2.47	1.07 0.50 0.42 0.38 0.50 0.42 0.52 0.50 0.87 0.50 0.47 1.41 1.00 1.59 1.00 2.00 2.67 1.50 1.00 0.50 0.90 0.50 3.45 3.00	2.16 2.00 1.16 0.75 1.05 1.00 1.29 1.00 5.44 5.00 2.61 2.00 4.66 4.00 2.38 2.00 7.82 6.00	1.16 0.50 1.00 1.05 1.00 1.29 1.00 5.44 5.00 2.61 2.00 4.66 4.00 2.38 2.00 7.82 6.00	33.6 22.8 24.6 23.0 23.6 22.8 23.4 23.6 33.5 26.6 36.3 35.6 37.6 27.5 42.4 30.5 30.1 55.2 39.0 31.0 22.1 32.3 26.6 38.5 31.8	65275 65752 66254 65753 65754 65278 66368 65281 65284 66255 65286 65287 65288 65289 65290 65291 65292 65757
13.40 10.00 11.30 10.00 9.50 8.00 11.90 10.00	8.00 10.00 9.60 10.00 11.10 8.00 2.40 2.00	21.40 20.00 20.90 20.00 20.60 16.00 14.30 12.00			1.15 1.97	1.15 0.82 1.97 1.65	1.40 1.00 2.39 2.00	2.19	2.63 2.00 2.00	30.2 23.9 32.6 28.9 26.6 21.2 25.4 21.8	65290 65291 65292 65757

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Ky. Fertilizer Co., Br. Federal Chem. Co.	
65758	O. K. High Grade Phosphate	J. W. Pardue, Smith Grove.....
65759		Grover Lay, Russell Springs.....
66036		T. G. Moren, London.....
66256		Smith and Smith, Shepherdsville.....
66257		L. Jackson, Caneyville.....
66369		S. Y. Cutshaw, Bedford.....
		Guaranteed.....
65235	O. K. Phosphate	Manufacturer.....
		Guaranteed.....
66037	O. K. Standard Phosphate	Smith and Smith, Shepherdsville.....
66258		Smith and Smith, Shepherdsville.....
		Guaranteed.....
65297	O. K. Special Phosphate Mixture	Manufacturer.....
		Guaranteed.....
65298	O. K. Raw Bone	Manufacturer.....
		Guaranteed.....
	Louisville Fertilizer Co. (Armour Owned), Louisville, Cincinnati, Nashville.	
65060	Louisville 2-14-2 Fertilizer	Manufacturer.....
		Guaranteed.....
65061	Louisville 3-12-4 Fertilizer	
		Guaranteed.....
65062	Louisville 4-12-0 Fertilizer	Manufacturer.....
		Guaranteed.....
65063	Louisville 0-14-4 Fertilizer	Manufacturer.....
		Guaranteed.....
65064	Louisville 0-10-10 Fertilizer	Manufacturer.....
		Guaranteed.....
65760	Louisville 1-12-1 Fertilizer	Jarrett Johnson, Waynesburg.....
		Guaranteed.....
65066	Louisville 1-8-4 Fertilizer	Manufacturer.....
		Guaranteed.....
65067	Louisville Bone Meal and Acid Phos- phate	
		Manufacturer.....
65068	Plant Bed Special	Manufacturer.....
		Guaranteed.....
66038	Louisville Dark Tobacco Grower	Irvington Hardware Co., Irvington.....
		Guaranteed.....
65070	Louisville 4-8-3 Fertilizer	Manufacturer.....
		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
18.70	0.50	19.20								22.4	65758
16.70	1.70	18.40								20.0	65759
18.00	1.40	19.40								21.6	66036
16.25	0.95	17.20								19.5	66256
17.20	2.05	19.25								20.6	66257
17.35	1.35	18.70								20.8	66369
16.00	2.00	18.00								19.2	
16.35	4.00	20.35								19.6	65295
14.00	2.00	16.00								16.8	
13.00	1.00	14.00								15.6	66037
13.85	0.60	14.45								16.6	66258
12.00	2.00	14.00								14.4	
11.80	11.20	23.00								14.2	65297
10.00	10.00	20.00								12.0	
		22.00	70	30	0.39	4.76	5.78			46.2	65298
		22.00				3.71	4.50			39.9	
14.50	1.35	15.85			1.21	1.62	1.97	2.16		38.5	65060
14.00	1.00	15.00				1.65	2.00	2.00		37.3	
											65061
12.00	1.00	13.00				2.47	3.00	4.00		45.2	
12.85	0.70	13.55			2.26	3.30	4.01			39.4	65062
12.00	1.00	13.00				3.29	4.00			38.1	
15.25	1.40	16.65						5.12		38.7	65063
14.00	1.00	15.00						4.00		33.4	
10.80	2.95	13.75						11.57		52.1	65064
10.00	1.00	11.00						10.00		45.4	
12.70	0.40	13.10			0.51	0.88	1.07	0.90		27.2	65760
12.00	1.00	13.00				0.82	1.00	1.00		26.3	
8.75	2.55	11.30			0.60	0.91	1.10	4.85		34.2	65066
8.00	1.00	9.00				0.82	1.00	1.00		29.3	
13.20	9.50	22.70				1.02	1.24			29.7	65067
10.00	10.00	20.00				0.82	1.00			23.9	
12.30	1.20	13.50			1.49	2.51	3.05	1.00		39.8	65068
12.00	1.00	13.00				2.47	3.00		0.94	39.2	
8.40	0.60	9.00			1.12	1.92	2.33	0.56	3.86	37.6	66038
8.00	1.00	9.00				1.65	2.00		4.00	34.3	
8.30	1.70	10.00			2.52	3.19	3.87	3.12		41.6	65070
8.00	1.00	9.00				3.29	4.00	3.00		41.1	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Louisville Fertilizer Co. (Armour Owned.)	
65071	Louisville 2-12-6 Fertilizer	Manufacturer----- Guaranteed-----
65073	Louisville 2-16-2 Fertilizer	Manufacturer----- Guaranteed-----
66040	Louisville 2-10-4 Fertilizer	Walter Young Coal Co., Owingsville-----
66041		L. D. Gividen, Sulphur----- Guaranteed-----
66370	Louisville 0-12-4 Fertilizer	Basket Grain Co., Henderson----- Guaranteed-----
65076	Louisville Bone Meal	Manufacturer----- Guaranteed-----
65077	Louisville Raw Bone	Manufacturer----- Guaranteed-----
65761	†Louisville 16% Acid Phosphate	S. E. Bedford, Glasgow-----
65762		Liberty Hardware Co., Liberty-----
66042		Jarrett Johnson, Waynesburg-----
66259		South Somerset Mills, Somerset-----
66371		Irvington Hardware and Impl. Co., Irvington----- Guaranteed-----
65763	Louisville 20% Acid Phosphate	T. E. Richardson, Campbellsville-----
66043		S. A. Browning, Vanceburg----- Guaranteed-----
65080	Louisville 2-12-0 Fertilizer	Manufacturer----- Guaranteed-----
65764	Louisville 1-10-1 Fertilizer	B. B. Sims, Jamestown-----
66262		Hurst, Brown Hardware Co., Bards- town----- Guaranteed-----
66044	Louisville 2-8-2 Fertilizer	Walter Young Coal Co., Owingsville-----
66263		N. T. Paul, Hudson-----
66372		Irvington Hardware and Impl. Co., Irvington----- Guaranteed-----
65765	Louisville 1-8-1 Fertilizer	Jarrett Johnson, Waynesburg-----
65766		B. B. Sims, Jamestown-----
66045		Walter Young Coal Co., Owingsville----- Guaranteed-----
65125	Louisville Superior Tobacco Grower	Manufacturer----- Guaranteed-----
65126	Louisville 2-8-1 Fertilizer	Manufacturer----- Guaranteed-----

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
12.80	0.90	13.70			1.21	1.76	2.14	6.60		49.9	65071
12.00	1.00	13.00				1.65	2.00	6.00		46.3	
15.65	1.70	17.35			1.53	1.81	2.20	2.23		41.7	65073
16.00	1.00	17.00				1.65	2.00	2.00		40.3	
10.50	1.00	11.50			1.13	1.66	2.02	3.95		38.0	66040
10.80	1.30	12.10			0.72	1.44	1.75	4.40		38.6	66041
10.00	1.00	11.00				1.65	2.00	4.00		37.3	
11.45	2.50	13.95						4.19		30.8	66370
12.00	1.00	13.00						4.00		30.4	
		26.90	85	15	0.38	2.47	3.00			36.3	65076
		27.00				2.47	3.00			36.4	
		24.35	63	37	0.16	3.95	4.80			43.2	65077
		22.00				3.71	4.50			39.9	
17.00	1.30	18.30								20.4	65761
17.70	1.30	19.00								21.2	65762
17.10	1.30	18.40								20.5	66042
17.40	2.15	19.55								20.9	66259
16.50	1.20	17.70								19.8	66371
16.00	1.00	17.00								19.2	
20.80	1.00	21.80								25.0	65763
20.90	2.10	23.00								25.1	66043
20.00	1.00	21.00								24.0	
12.15	1.90	14.05			1.19	1.70	2.06			29.2	65080
12.00	1.00	13.00				1.65	2.00			28.3	
10.40	1.90	12.30			0.39	0.80	0.97	1.69		26.2	65764
10.75	0.85	11.60			0.52	0.86	1.04	1.30		25.5	66262
10.00	1.00	11.00				0.82	1.00	1.00		23.3	
10.20	0.80	11.00			1.05	1.89	2.29	2.07		33.2	66044
8.60	0.90	9.50			1.03	1.45	1.76	2.04		28.1	66263
9.05	0.95	10.10			1.15	1.67	2.03	2.22		32.1	66372
8.00	1.00	9.00				1.65	2.00	2.00		28.3	
8.30	0.70	9.00			0.54	0.95	1.15	1.11		21.8	65765
8.00	3.30	11.30			0.48	0.86	1.04	1.72		23.6	65766
8.90	1.00	9.90			0.61	0.96	1.17	1.09		22.8	66045
8.00	1.00	9.00				0.82	1.00	1.00		20.3	
9.65	2.60	12.25							4.64	29.4	65125
10.00	1.00	11.00							5.00	30.4	
8.30	2.70	11.10			1.13	1.65	2.00	1.20		27.0	65126
8.00	1.00	9.00				1.65	2.00	1.00		25.3	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Louisville Fertilizer Co. (Armour Owned.)	
66046	Louisville Potash Mixture	Ratliff Hardware Co., Princeton..... Guaranteed.....
65128	Nitrate of Soda	Manufacturer..... Guaranteed.....
65527	Louisville 3-8-6 Fertilizer	Manufacturer..... Guaranteed.....
66048	†Louisville Burley Tobacco Grower	S. Caudill, Morehead..... Guaranteed.....
65552	Louisville Burley Special	Manufacturer..... Guaranteed.....
65553	Louisville Dark Tobacco Maker	Manufacturer..... Guaranteed.....
65554	Louisville Tobacco Special	Manufacturer..... Guaranteed.....
65768	Louisville 14% Acid Phosphate	Louis Cohen, Central City..... Guaranteed.....
65575	Louisville Burley Tobacco Grower	Manufacturer..... Guaranteed.....
66116	Louisville 2-14-2 Fertilizer	Manufacturer..... Guaranteed.....
66117	Louisville 2-29 Bone Meal	Manufacturer..... Guaranteed.....
	Mt. Pleasant Fertilizer Co., Inc. (Sub. of Va-Car Chem. Co.), Nashville, Tenn.	
65769	Mt. Pleasant Big Winner Acid Phosphate	Grigsby and Co., Bardstown..... Farmers Union Supply Co., Franklin..... Ryan-Miller Co., Harden..... E. S. Diuguid and Son, Murray..... Farmers Union Supply Co., Franklin..... Geo. J. Lucas, Nebo..... Guaranteed.....
65770		
66049		
66265		
66266		
66373		
64992	Mt. Pleasant High Grade Acid Phosphate	Manufacturer..... Guaranteed.....
64993	Mt. Pleasant 24% Acid Phosphate	Manufacturer..... Guaranteed.....
65771	Mt. Pleasant Spl. Tobacco Grower	E. M. Garrett, Scottsville..... Guaranteed.....
64995	Mt. Pleasant Black Patch Tobacco Grower	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.50	2.20	12.70						1.61		21.5	66046
10.00	1.00	11.00						2.00		21.4	
						15.62	18.96			93.7	65128
						14.81	17.98			88.9	
8.55	1.70	10.25			2.02	2.60	3.16	6.93		49.9	65527
8.00	1.00	9.00				2.47	3.00	6.00		45.2	
8.30	0.70	9.00			1.55	2.59	3.14	0.68	5.44	46.6	66048
8.00	1.00	9.00				2.47	3.00		6.00	45.2	
8.55	1.70	10.25			2.02	2.60	3.16	6.93		49.9	65552
8.00	1.00	9.00				2.47	3.00	6.00		45.2	
8.75	2.45	11.20			1.11	1.92	2.33	4.30		38.5	65553
8.00	1.00	9.00				1.65	2.00	4.00		34.3	
11.15	2.30	13.45						5.41		33.9	65554
10.00	1.00	11.00						5.00		30.4	
16.30	1.20	17.50								19.6	65768
14.00	1.00	15.00								16.8	
8.15	0.70	8.85			1.68	2.69	3.27	1.40	4.60	47.7	65575
8.00	1.00	9.00				2.47	3.00		6.00	45.2	
14.50	1.35	15.85			1.21	1.62	1.97	2.16		38.5	66116
14.00	1.00	15.00				1.65	2.00	2.00		37.3	
		28.90	81	19	0.99	1.96	2.38			34.9	66117
		29.00				1.65	2.00			33.1	
19.50	1.30	20.80								23.4	65769
18.90	3.20	22.10								22.7	65770
18.10	1.50	19.60								21.7	66049
17.55	2.00	19.55								21.1	66265
15.90	1.90	17.80								19.1	66266
18.50	2.10	20.60								22.2	66373
16.00	2.00	18.00								19.2	
21.90	0.70	22.60								27.3	64992
20.00	2.00	22.00								24.0	
25.10	0.70	25.80								30.1	64993
24.00	2.00	26.00								28.8	
8.00	8.20	16.20			0.75	1.13	1.37	1.86		27.6	65771
8.00	4.00	12.00				1.23	1.50		1.50	25.5	
13.20	3.90	17.10			0.37	0.51	0.62	1.93		30.2	64995
7.00	9.00	16.00				0.41	0.50		1.00	19.6	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Mt. Pleasant Fertilizer Co., Inc. (Sub. of Va-Car Chem. Co.)	
65772	Mt. Pleasant H. Gr. Tobacco Grower	E. M. Garrett, Scottsville..... Guaranteed.....
64997	Mt. Pleasant Grain Grower	Manufacturer..... Guaranteed.....
65773	Mt. Pleasant Corn Special	E. G. Scruggs, Adairville..... Guaranteed.....
64999	Black Patch Universal	Manufacturer..... Guaranteed.....
66050	Mt. Pleasant Superior Tobacco Grower	E. S. Diuguid and Son, Murray..... Guaranteed.....
65002	Mt. Pleasant Burley Special	Manufacturer..... Guaranteed.....
65003	Mt. Pleasant Burley Tobacco Grower	Manufacturer..... Guaranteed.....
65004	Mt. Pleasant 10-4-0	Manufacturer..... Guaranteed.....
65774	Grigsby Special	Grigsby and Co., Bardstown..... Guaranteed.....
65007	Mt. Pleasant Half and Half	Manufacturer..... Guaranteed.....
65561	Black Patch Mt. Pleasant Special Acid Phos.	Manufacturer..... Guaranteed.....
65562	Black Patch Mt. Pleasant Soluble Bone	Manufacturer..... Guaranteed.....
65563	Mt. Pleasant Acid Phosphate	Manufacturer..... Guaranteed.....
66135	Mt. Pleasant Wheat Grower	Manufacturer..... Guaranteed.....
66137	Black Patch Grain Grower	Manufacturer..... Guaranteed.....
66138	Black Patch Wheat and Clover	Manufacturer..... Guaranteed.....
	New Louisville Rendering Co., Inc., Louisville, Ky.	
65590	Pure Animal Matter, Meat, Bones and Blood	Manufacturer..... Guaranteed.....
65591	Pure Bone Meal	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
9.20	6.20	15.40			1.08	1.70	2.06	2.97		35.4	65772
8.00	4.00	12.00				1.65	2.00		3.00	32.5	
9.10	9.90	19.00			1.56	1.77	2.15			28.2	64997
8.00	10.00	18.00				1.23	1.50			23.4	
13.20	4.70	17.90			0.87	1.08	1.31			28.2	65773
12.00	4.00	16.00				0.82	1.00			24.5	
11.90	13.10	25.00			0.31	1.53	1.86			32.3	64999
10.00	6.00	16.00				1.65	2.00			27.3	
10.00	4.40	14.40						3.98		28.7	66050
8.00	4.00	12.00							4.00	25.6	
9.60	9.10	18.70			0.93	1.06	1.29	3.70		35.5	65002
8.00	3.00	11.00				0.82	1.00		4.00	30.1	
12.80	3.90	16.70			1.86	2.08	2.53			33.2	65003
12.00	3.00	15.00				1.65	2.00			29.1	
10.20	7.90	18.10			2.92	3.14	3.81			37.3	65004
10.00	4.00	14.00				3.29	4.00			36.3	
11.20	6.80	18.00			0.48	0.77	0.93	0.48	0.97	28.6	65774
10.00	2.00	12.00				0.82	1.00		1.00	23.7	
11.50	13.40	24.90			0.29	1.54	1.87			31.9	65007
10.00	10.00	20.00				1.65	2.00			28.9	
15.45	4.40	19.85								18.5	65561
14.00	4.00	18.00								16.8	
13.90	7.20	21.10								16.7	65562
12.00	8.00	20.00								14.0	
11.15	11.10	22.25								13.4	65563
10.00	12.00	22.00								12.0	
8.20	8.45	16.65			0.80	1.35	1.64	1.81		29.2	66135
8.00	4.00	12.00				1.23	1.50	1.50		25.5	
7.25	14.20	21.45			0.22	0.42	0.51	1.12		22.4	66137
7.00	9.00	16.00				0.41	0.50	1.00		19.6	
10.80	9.40	20.20						2.07		26.2	66138
10.00	5.00	15.00						2.00		23.0	
		17.10	76	24	1.49	6.14	7.45			50.5	65590
		10.00				4.00	4.86			32.0	
		23.60	47	53	0.40	4.05	4.92			43.2	65591
		22.00				3.50	4.25			38.6	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
66053	The Nitrate Agencies Co., New Orleans, La. Nitrate of Soda	Yopp Seed Co., Paducah Guaranteed
66267	Price Chemical Co., Inc., Louisville, Ky. †Special Corn and Wheat Fertilizer	Peoples Store, Loretto Guaranteed
65458	Universal Crop Fertilizer	Manufacturer Guaranteed
65459	Walter Crady's Vegetable, Potato and Tobacco Spl.	Manufacturer Guaranteed
66054	One-Ten-One Fertilizer	J. C. Starns, Williamstown Guaranteed
65465	High Grade Special	Manufacturer Guaranteed
65466	Old Time Grain Fertilizer	Manufacturer Guaranteed
65470	H. Gr. Tobacco Bed Special	Manufacturer Guaranteed
65471	Potato and Tobacco Fertilizer	Manufacturer Guaranteed
65473	Victory Grain Special	Manufacturer Guaranteed
66270	Potash Tobacco Fertilizer	Flaherty Hdw. Co., Vine Grove Guaranteed
65781	Phosphate and Potash	H. F. Upchurch, Susie Guaranteed
65476	Extra High Grade Phosphate	Manufacturer Guaranteed
65782	High Grade Phosphate	Peoples Store, Loretto
66059		A. D. Roberts, Hawesville
66106		D. M. Hocker, Corbin
66271		Peoples Store, Loretto
66272		Farmers Union Supply Co., Glasgow
66273		Aaron Moore, Leitchfield Guaranteed
65478	Steamed Bone	Manufacturer Guaranteed
65784	Acid Phosphate	I. K. Miller and Sons, Campbellsville Guaranteed
65885	Grain and Grass Grower	Manufacturer Guaranteed

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
						15.68 15.00	19.04 18.23			94.1 90.0	66053
12.00	1.15	13.15				0.48	0.58	0.97		24.3	66267
11.00	4.00	15.00				0.41	0.50	1.00		23.6	
13.60	0.50	14.10			0.71	0.92	1.12	1.15		29.6	65458
12.00	4.00	16.00				0.82	1.00	1.00		27.5	
12.20	0.80	13.00			0.65	0.94	1.14	3.12		33.6	65459
11.00	4.00	15.00				0.82	1.00	3.00		32.0	
11.05	1.90	12.95			0.75	1.28	1.55	1.42		29.3	66054
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
10.90	1.50	12.40			1.32	1.74	2.11	2.13		33.8	65465
10.00	4.00	14.00				1.65	2.00	2.00		32.5	
8.70	1.60	10.30			1.37	1.76	2.14	2.40		31.5	65466
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
10.60	1.70	12.30			2.71	3.33	4.04			36.6	65470
10.00	4.00	14.00				3.29	4.00			36.3	
11.00	2.70	13.70			2.83	3.41	4.14			38.0	65471
10.00	4.00	14.00				3.29	4.00			36.3	
16.40	1.30	17.70			0.24	0.48	0.58			28.0	65473
14.00	4.00	18.00				0.41	0.50			25.1	
10.60	0.30	10.90						5.02		31.1	66270
10.00	2.00	12.00						5.00		30.8	
11.70	0.70	12.40						1.86		23.4	65781
10.00	2.00	12.00						2.00		21.8	
21.40	0.60	22.00								25.7	65476
18.00	2.00	20.00								21.6	
17.40	0.60	18.00								20.9	65782
16.75	0.85	17.60								20.1	66059
16.35	0.85	17.20								19.6	66106
16.75	0.45	17.20								20.1	66271
16.80	0.50	17.30								20.2	66272
17.15	0.50	17.65								20.6	66273
16.00	2.00	18.00								19.2	
		32.20	80	20		1.04	1.26			32.0	65478
		30.00				1.03	1.25			30.2	
12.00	1.50	13.50								14.4	65784
12.00	2.00	14.00								14.4	
8.40	1.40	9.80			0.46	0.80	0.97		1.09	21.2	65885
8.00	4.00	12.00				0.41	0.50	1.00		19.1	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65886	Price Chemical Co., Inc. Acid Phosphate	Manufacturer..... Guaranteed.....
66374	Miller's Special Wheat Grower	I. K. Miller and Sons, Campbellsville.. Guaranteed.....
	Rasin-Monumental Co., Sub. of Va-Car Chem. Co., Cincinnati, Nashville, Memphis,	
65786	Rasin's 16% Acid Phosphate	Lessenberry and Jones, Glasgow.....
65787		J. H. Wyan, London..... Guaranteed.....
65788	Rasin's 20% Acid Phosphate	J. H. Wyan, London..... Guaranteed.....
65324	Rasin's 24% Acid Phosphate	Manufacturer..... Guaranteed.....
65325	Rasin's 10-5 Acid and Potash	Manufacturer..... Guaranteed.....
65326	Rasin's Royal Grain Grower	Manufacturer..... Guaranteed.....
65789	Raisin's Special Plant Food	J. H. Wyan, London..... Guaranteed.....
65328	Rasin's Reliable Wheat and Corn Fer- tilizer	Manufacturer..... Guaranteed.....
65329	Rasin's Big Giant Phosphate	Manufacturer..... Guaranteed.....
65330	Rasin's General Favorite	Manufacturer..... Guaranteed.....
65332	Rasin's Truck and Tobacco Fertilizer	Manufacturer..... Guaranteed.....
65790	Rasin's 2-8-4 Tobacco Grower	J. H. Wyan, London..... Guaranteed.....
65334	Rasin's Phosphate and Bone Meal	Manufacturer..... Guaranteed.....
65791	Rasin's Raw Bone Meal	Lessenberry and Jones, Glasgow..... Guaranteed.....
	Read Phosphate Co., Nashville, Tenn.	
65792	Read's Blood and Bone No. 1	I. K. Miller and Sons, Campbellsville.. Guaranteed.....
65793	Read's High Grade Tobacco Grower	Clint Smith, Franklin..... Wooldridge and Williams, Sewellton...
65794		M. D. Royse, Winchester.....
66061		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
16.10	0.70	16.80								19.3	65886
14.00	2.00	16.00								16.8	
12.05	0.75	12.80			0.40	0.60	0.73			21.8	66374
12.00	2.00	14.00				0.41	0.50			21.3	
18.50	3.50	22.00								22.2	65786
18.30	1.30	19.60								22.0	65787
16.00	1.50	17.50								19.2	
23.30	1.20	24.50								28.0	65788
20.00	1.50	21.50								24.0	
28.40	0.70	29.10								34.1	65324
24.00	1.50	25.50								28.8	
10.90	1.40	12.30						6.12	2.55	42.9	65325
10.00	1.50	11.50						5.00		30.6	
13.55	1.70	15.25						0.60	2.33	29.8	65326
12.00	1.50	13.50						2.00		24.6	
14.00	1.30	15.30			0.53	1.67	2.03			31.5	65789
12.00	1.50	13.50				1.65	2.00			28.5	
8.90	2.30	11.20			0.26	1.05	1.27	0.68	1.98	28.6	65328
8.00	1.50	9.50				0.82	1.00	2.00		23.5	
9.20	1.00	10.20			0.67	1.01	1.23		3.16	29.7	65329
8.00	1.50	9.50				0.82	1.00	3.00		26.5	
11.40	1.40	12.80			1.60	1.89	2.29	1.80	1.00	37.4	65330
8.00	1.50	9.50				1.65	2.00	2.00		28.5	
10.40	1.80	12.20			1.79	2.94	3.57			34.3	65332
9.00	1.50	10.50				2.47	3.00			28.9	
8.80	1.90	10.70			1.33	1.55	1.88	1.68	2.52	35.9	65790
8.00	1.50	9.50				1.65	2.00		4.00	34.5	
9.75	13.85	23.60				1.01	1.23			26.2	65334
10.00	12.00	22.00				0.82	1.00			24.7	
		25.20	100			3.38	4.10			40.4	65791
		20.00				3.71	4.50			38.3	
7.80	6.10	13.90			0.63	1.61	1.95	2.54		31.4	65792
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
7.90	5.80	13.70			1.11	1.78	2.16	3.28	0.55	36.3	65793
8.80	4.90	13.70			0.88	1.68	2.04	4.00	0.42	38.5	65794
7.70	5.10	12.80			0.71	1.55	1.88	4.01		34.9	66061
8.00	4.00	12.00				1.65	2.00		4.00	35.5	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Read Phosphate Co.	
66062	Read's Special Burley Tobacco Grower	Boone County Farm Bureau, Florence.. Guaranteed.....
65795	Read's Kentucky Tobacco Grower	Young Hardware Co., Hopkinsville.....
65796		S. A. Browning, Vanceburg.....
66063		F. L. Selby, Esto..... Guaranteed.....
65797	Read's Kentucky Blood and Bone	Leslie Meece, Font Hill.....
65798		Hollingsworth and Young, Bowling Green.....
66064		J. A. Ramsey and Co., Murl.....
66275		J. H. Jasper, Somerset..... Guaranteed.....
65799	†Read's Kentucky Special	Leslie Meece, Font Hill..... Guaranteed.....
65801	Read's High Grade Tobacco and Truck Grower	I. K. Miller and Sons, Campbellsville..
65802		U. L. Antle, Columbia.....
66276		Hollingsworth-Young Hardware Co., Bowling Green..... Guaranteed.....
64847	Read's Premium Grain Grower	Manufacturer..... Guaranteed.....
65803	Read's Farmers Special Manure	Wooldridge and Williams, Sewellton..
66277		Hollingsworth-Young Hardware Co., Bowling Green..... Guaranteed.....
64849	Read's High Grade Ammoniated Dis- solved Bone	Manufacturer..... Guaranteed.....
65804	Read's Corn and Wheat Grower	Leslie Meece, Font Hill.....
66278		J. H. Jasper, Somerset.....
66279		W. S. Overstreet, La Grange..... Guaranteed.....
65805	Read's Alkaline Bone	U. L. Antle, Columbia.....
65806		J. A. Chisholm, Fountain Run.....
66281		J. H. Jasper, Somerset..... Guaranteed.....
65807	Read's Standard Grain Grower	I. K. Miller and Sons, Campbellsville..
66282		F. L. Selby, Esto.....
66283		J. H. Jasper, Somerset..... W. S. Overstreet, La Grange..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
0.70	0.70	11.40			1.20	2.52	3.06	5.60		48.3	66062
8.00	3.00	11.00				2.47	3.00		5.00	43.0	
8.10	5.10	13.20			0.70	1.33	1.61	2.16		28.7	65795
8.60	6.00	14.60			0.28	1.02	1.24	0.88	0.62	25.9	65796
7.95	7.40	15.35			0.24	0.93	1.13	0.92	0.57	24.9	66063
8.00	5.00	13.00				0.82	1.00		1.00	21.9	
7.90	6.40	14.30				0.78	0.95	0.52	0.71	22.8	65797
8.50	6.90	15.40			0.24	1.01	1.23	0.76	0.84	26.4	65798
8.95	8.20	17.15			0.26	0.82	1.00		1.00	24.6	66064
9.80	6.20	16.00				0.65	0.79	1.67		26.1	66275
8.00	5.00	13.00				0.82	1.00	1.00		21.9	
8.40	7.50	15.90			0.34	0.75	0.91	1.40	2.54	31.9	65799
8.00	5.00	13.00				0.41	0.50	4.00		28.5	
8.20	3.80	12.00			1.41	2.10	2.55	8.40		51.6	65801
8.60	5.20	13.80			1.13	1.86	2.26	1.56	7.88	54.5	65802
9.15	3.50	12.65			0.71	1.37	1.66	1.84	6.15	47.6	66276
8.00	3.00	11.00				1.65	2.00		8.00	47.1	
13.60	2.90	16.50			1.80	2.06	2.50	0.62	1.47	40.2	64847
12.00	4.00	16.00				1.65	2.00	2.00		35.5	
10.10	3.10	13.20			0.32	1.12	1.36	3.57		33.8	65803
10.15	6.55	16.70			0.29	0.99	1.20	2.70		31.9	66277
10.00	4.00	14.00				0.82	1.00	3.00		30.5	
12.30	2.30	14.60			1.79	2.23	2.71	1.12	1.58	40.9	64849
10.00	4.00	14.00				1.65	2.00	2.00		32.5	
10.80	5.20	16.00			0.21	0.70	0.85	0.76	1.61	29.6	65804
11.25	5.15	16.40				0.54	0.66	1.05		25.3	66278
11.75	5.95	17.70				0.33	0.40	1.34		26.0	66279
11.00	4.00	15.00				0.41	0.50	1.00		23.6	
10.00	7.80	17.80						2.71		26.3	65805
9.90	8.30	18.20						2.71		26.3	65806
10.45	8.30	18.75						2.95		27.9	66281
10.00	8.00	18.00						2.00		24.2	
13.20	4.40	17.60				0.45	0.55			24.3	65807
12.10	4.50	16.60				0.57	0.69			23.4	65808
12.25	4.55	16.80				0.52	0.63			23.3	66282
11.45	5.80	17.25				0.53	0.64			22.7	66283
12.00	5.00	17.00				0.41	0.50			22.5	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65809	Read Phosphate Co. Read's High Grade Acid Phosphate	U. L. Antle, Columbia..... Guaranteed.....
65810	Read's Special High Grade Acid Phosphate	Leslie Meece, Font Hill..... S. A. Browning, Vanceburg..... Marion Milling Co., Marion..... W. S. Overstreet, La Grange..... J. H. Jasper, Somerset..... Burk and Price Co., Owensboro..... B. F. Beard and Co., Hardinsburg..... Guaranteed.....
65811		Manufacturer.....
66065		Guaranteed.....
66284		Beard Bros., Hardinsburg.....
66285		Guaranteed.....
66375		Clint Smith, Franklin.....
66376		W. S. Overstreet, La Grange..... Guaranteed.....
64856	Read's Premium Acid Phosphate	M. D. Royse, Winchester.....
66377	Read's Half and Half	Guaranteed.....
65812	†Read's Pure Raw Bone Meal	Manufacturer.....
66286		Guaranteed.....
66067	Bright Leaf Tobacco Grower	W. P. Poyner, Mayfield..... Ballard County Farm Bureau, Barlow..... Guaranteed.....
65586	Read's Prize Tobacco Grower	W. L. Calhoun, Montpelier..... Guaranteed.....
65587	Read's Red Diamond Tobacco Grower	Guaranteed.....
66068	Standard Tobacco Grower	Guaranteed.....
66069		Guaranteed.....
65813	XXX Dissolved Bone	Guaranteed.....
	Smith Agricultural Chemical Co., Columbus, Ohio.	
65814	Smith's Potato and Tobacco Special	J. C. Everett and Co., Maysville..... Guaranteed.....
65517	Smith's Tobacco Grower	Manufacturer..... Guaranteed.....
65518	Smith's Standard 2-12-6	Manufacturer..... Guaranteed.....
65519	Smith's Standard 10-10	Manufacturer..... Guaranteed.....
65815	Smith's Standard 16% Acid Phosphate	J. C. Everett and Co., Maysville..... Guaranteed.....
65521	Smith's 10-2	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fin Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
17.20	3.40	20.60								20.6	65809
14.00	4.00	18.00								16.8	
17.00	3.10	20.10								20.4	65810
17.40	3.35	20.75								20.9	65811
15.95	2.80	18.75								19.1	66065
16.20	4.00	20.20								19.4	66284
17.05	3.25	20.30								20.5	66285
17.30	4.30	21.60								20.8	66375
15.65	5.20	20.85								18.8	66376
16.00	2.00	18.00								19.2	
19.10	0.70	19.80								22.9	64856
18.00	1.00	19.00								21.6	
10.65	13.00	23.65				1.94	2.36			32.8	66377
10.00	10.00	20.00				1.85	2.25			30.1	
		21.35	55	45	0.29	3.70	4.49			39.3	65812
		22.00	40	60		3.75	4.55			40.1	66286
		20.00				3.71	4.50			38.3	
9.90	3.75	13.65			0.91	1.67	2.03		0.98	29.3	66067
9.00	4.00	13.00				1.65	2.00		1.00	28.0	
11.60	2.30	13.90			1.55	2.56	3.11	3.14		43.1	65586
10.00	4.00	14.00				2.47	3.00		3.00	40.4	
11.80	4.00	15.80			1.81	4.03	4.89			43.5	65587
10.00	4.00	14.00				3.29	4.00			36.3	
8.15	5.40	13.55			0.77	1.54	1.87	2.21		30.3	66068
7.45	4.00	11.45			0.64	1.71	2.08	2.08		29.3	66069
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
14.75	4.90	19.65								17.7	65813
12.00	6.00	18.00								14.4	
8.10	1.35	9.45			0.31	0.80	0.97	7.19		39.1	65814
8.00						0.82	1.00	7.00		37.9	
7.70	1.20	8.90			0.45	0.80	0.97	4.02		28.9	65517
8.00						0.82	1.00	4.00		28.9	
11.80	1.50	13.30			1.08	1.50	1.82	6.34		46.3	65518
12.00						1.65	2.00	6.00		45.9	
10.20	0.80	11.00						10.46		47.0	65519
10.00								10.00		45.0	
16.60	1.60	18.20								19.9	65815
16.00										19.2	
10.20	1.00	11.20						1.92		21.5	65521
10.00								2.00		21.0	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Smith Agricultural Chemical Co.	
65522	Smith's 1-8-2	Manufacturer..... Guaranteed.....
65583	Smith's Standard 20% Acid Phosphate	Manufacturer..... Guaranteed.....
65865	Smith's Standard 2-12-2	Manufacturer..... Guaranteed.....
	Smith Bros., New Albany, Ind.	
66071	Corn and Wheat Grower	W. S. Overstreet, La Grange..... Guaranteed.....
66070	Champion Potato and Tobacco Grower	W. S. Overstreet, La Grange..... Guaranteed.....
66127	Acid Phosphate	Manufacturer..... Guaranteed.....
66378	Half and Half	W. T. Crum, Smithfield..... Guaranteed.....
66129	Kentucky Tobacco Grower	Manufacturer..... Guaranteed.....
66130	Champion Crop Grower	Manufacturer..... Guaranteed.....
	Southern Fertilizer Co., Inc., Louisville, Ky.	
65403	Elk Special Grain Grower	Manufacturer..... Guaranteed.....
66072	Elk Special Tobacco Grower	Ratliff Hardware Co., Princeton..... Guaranteed.....
66073	Atlas Phosphate	Conrad, Payne and Co., Cloverport..... Ratliff Hardware Co., Princeton.....
66288		Guaranteed.....
66075	Elk Tobacco Grower	Bush Coal Co., Winchester..... Guaranteed.....
66074	Elk Corn and Wheat Grower	Bush Coal Co., Winchester..... Guaranteed.....
	Swift and Co., Inc., National Stock Yards, Ill.	
65430	Swift's Red Steer 3-12-4 Fertilizer	Manufacturer..... Guaranteed.....
65816	†Swift's Red Steer 3-8-6 Fertilizer	D. E. Patterson, Hodgenville..... Guaranteed.....
65817	†Swift's Diamond "B" Fertilizer	V. R. Sanders, Rocky Hill..... Guaranteed.....
65433	Swift's Diamond "A" Fertilizer	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.70	1.30	10.00			0.46	0.74	0.90	2.12		24.4	65522
8.00						0.82	1.00	2.00		22.9	
20.90	0.85	21.75								25.1	65583
20.00										24.0	
11.90	1.60	13.50			1.11	1.49	1.81	1.90		33.1	65865
12.00						1.65	2.00	2.00		33.9	
13.15	2.10	15.25				0.77	0.93			25.2	66071
12.00	2.00	14.00				0.82	1.00			23.7	
9.60	3.00	12.60			0.77	1.63	1.98	1.94		31.2	66070
10.00	2.00	12.00				1.65	2.00	2.00		31.7	
17.70	1.20	18.90								21.2	66127
16.00	2.00	18.00								19.2	
6.10	6.70	12.80			0.51	1.76	2.14	1.38		26.5	66378
6.00	6.00	12.00				1.65	2.00	1.00		24.3	
8.60	0.70	9.30			1.69	1.69	2.05	3.16	0.93	35.6	66129
8.00	2.00	10.00				1.65	2.00	4.00		34.7	
12.20	0.90	13.10			2.13	2.13	2.59	1.88	0.72	39.2	66130
12.00	2.00	14.00				1.65	2.00	2.00		34.7	
11.80	2.35	14.15			0.29	0.47	0.57	2.49		28.9	65403
11.00	1.00	12.00				0.41	0.50	2.00		25.4	
11.05	0.65	11.70			0.25	0.49	0.59	1.12		23.1	66072
10.00	1.00	11.00				0.41	0.50		1.00	20.9	
16.40	1.10	17.50								19.7	66073
16.75	1.10	17.85								20.1	66288
16.00										19.2	
8.85	0.65	9.55			0.88	1.44	1.75	1.01		25.2	66075
8.00	1.00	9.00				1.65	2.00		1.00	25.3	
7.70	0.55	8.25			0.64	0.99	1.20	0.97		20.6	66074
7.00	1.00	8.00				0.82	1.00		1.00	18.8	
12.90	4.00	16.90			0.36	2.41	2.93	4.17		47.9	65430
12.00	1.00	13.00				2.47	3.00	4.00		45.2	
7.75	2.95	10.70			2.39	2.60	3.16	6.34		47.4	65816
8.00	3.00	11.00				2.47	3.00	6.00		46.0	
8.75	3.35	12.00			2.27	2.27	2.76	4.98		43.0	65817
8.00	3.00	11.00				2.47	3.00	5.00		43.0	
8.50	3.80	12.30			1.31	2.66	3.23	3.09		39.5	65433
8.00	3.00	11.00				2.47	3.00	3.00		37.0	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Swift and Co., Inc.	
65820	†Swift's Red Steer 2-16-2 Fertilizer	South Somerset Mills, Somerset Guaranteed.....
65822	†Swift's Champion Wheat and Corn Grower	J. W. Collier, Crab Orchard..... Bryley Supply Co., Pineville..... Guaranteed.....
66108		Manufacturer..... Guaranteed.....
65438	Swift's Special Grain Grower	
65824	†Swift's Diamond "W" Vegetable and Tobacco Grower	W. E. Burress, Greensburg..... Young and Bishop, Providence..... G. H. Harris, Cloverport..... Guaranteed.....
66379		I. K. Miller and Sons, Campbellsville.....
66380		South Somerset Mills, Inc., Somerset.....
65825	Swift's Diamond "K" Grain Grower	South Somerset Mills, Inc., Somerset.....
65826		J. B. Marriott, Cecilia.....
66293		I. K. Miller and Sons, Campbellsville.....
66291		Guaranteed.....
66292		Manufacturer.....
65442	Swift's Diamond "W" Tobacco Grower	Guaranteed.....
65827	Swift's Complete Fertilizer	Jno. B. Marriott, Cecilia.....
66079		J. W. Rider, Mt. Vernon.....
66080		Bryley Supply Co., Pineville.....
66294		J. B. Marriott, Cecilia..... Guaranteed.....
65444	Swift's Red Steer 4-12-0 Fertilizer	Manufacturer..... Guaranteed.....
65445	Swift's Blood and Phosphate	Manufacturer..... Guaranteed.....
65446	Swift's Corn and Oats Special	Manufacturer..... Guaranteed.....
66109	Swift's Tankage and Bone Phosphate	W. S. Overstreet, La Grange..... Guaranteed.....
66295	Swift's Red Steer 0-14-4 Fertilizer	Mayhew and Gilbert, Franklin..... Guaranteed.....
65449	Swift's 12-4 Phosphate and Potash	Manufacturer..... Guaranteed.....
65450	Swift's 14-2 Phosphate and Potash	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
17.40	0.75	18.15			1.67	1.67	2.03	2.00		42.4	65820
16.00	1.00	17.00				1.65	2.00	2.00		40.3	
12.30	3.10	15.40			1.48	1.48	1.80	2.06		34.8	65822
12.80	2.20	15.00			1.31	1.53	1.86	2.33		36.3	66108
12.00	3.00	15.00				1.65	2.00	2.00		35.1	
10.75	3.20	13.95			1.30	1.72	2.09	2.05		33.9	65438
10.00	3.00	13.00				1.65	2.00	2.00		32.1	
8.90	2.80	11.70			1.62	1.62	1.97	2.97		33.1	65824
8.65	2.85	11.50			1.62	1.62	1.97	3.11		33.2	66379
8.95	2.65	11.60			1.61	1.61	1.95	2.95		33.0	66380
8.00	3.00	11.00				1.65	2.00	3.00		32.1	
13.35	2.55	15.90			0.86	0.86	1.04	0.85		28.8	65825
13.15	0.85	14.00			1.18	1.38	1.68	0.97		31.3	65826
11.90	2.10	14.00			0.90	0.90	1.09	1.03		27.2	66293
12.30	1.10	13.40			0.84	0.84	1.02	0.91		26.7	66291
12.20	1.10	13.30			0.81	0.81	0.98	0.93		26.4	66292
12.00	3.00	15.00				0.82	1.00	1.00		27.1	
8.90	3.30	12.20			1.19	1.75	2.12	1.09		28.4	65442
8.00	3.00	11.00				1.65	2.00	1.00		26.1	
9.80	2.20	12.00			1.09	1.09	1.32	1.00		25.1	65827
8.10	2.20	10.30			0.60	0.91	1.10	1.38		22.6	66079
9.35	2.35	11.70			0.96	0.96	1.17	1.24		24.5	66080
7.90	1.70	9.60			0.86	0.86	1.04	1.05		20.8	66294
8.00	3.00	11.00				0.82	1.00	1.00		21.1	
12.95	3.25	16.20			1.77	3.38	4.10			41.0	65444
12.00	3.00	15.00				3.29	4.00			38.9	
13.00	2.15	15.15			1.24	1.62	1.97			30.1	65445
12.00	3.00	15.00				1.65	2.00			29.1	
10.80	3.20	14.00			1.41	1.80	2.19			28.3	65446
10.00	3.00	13.00				1.65	2.00			27.1	
12.05	3.90	15.95			0.87	0.87	1.06			24.9	66109
12.00	3.00	15.00				0.82	1.00			24.1	
14.50	1.50	16.00						3.76		33.6	66295
14.00								4.00		33.0	
13.00	3.35	16.35						3.96		32.7	65449
12.00								4.00		30.0	
15.30	2.45	17.75						1.93		29.7	65450
14.00								2.00		27.0	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65828	Swift and Co., Inc.	
66081	Swift's Red Steer 20% Acid Phosphate	South Somerset Mills, Inc., Somerset..
66381		Yopp Seed Co., Paducah.....
		J. L. Townsend Co., Clay.....
		Guaranteed.....
65829	Swift's High Grade Acid Phosphate Fertilizer	Hoy McClure, Somerset.....
66296		South Somerset Mills, Inc., Somerset..
66297		J. B. Marriott, Cecilia.....
66298		Grigsby and Co., Bardstown.....
		Guaranteed.....
65830	Swift's Bone Meal and Phosphate	J. W. Collier, Crab Orchard.....
66299		I. K. Miller and Sons, Campbellsville..
		Guaranteed.....
66300	Swift's Raw Bone Meal Fertilizer	J. B. Marriott, Cecilia.....
66301		Mayhew and Gilbert, Franklin.....
		Guaranteed.....
65455	Swift's 2 $\frac{1}{4}$ -29 Bone Meal Fertilizer	Manufacturer.....
		Guaranteed.....
65831	Swift's 1 $\frac{1}{4}$ -29 Bone Meal Fertilizer	R. T. Kirkman, Elkton.....
66302		I. K. Miller and Sons, Campbellsville..
66303		Mayhew and Gilbert, Franklin.....
66304		South Somerset Mills, Inc., Somerset..
66382		Young and Bishop, Providence.....
		Guaranteed.....
65832	Swift's Bone Meal Fertilizer	South Somerset Mills, Inc., Somerset..
		Guaranteed.....
	Taylor and Powell Fertilizer Co., Springfield, Tenn.	
65571	No. 4 Tobacco Grower	Manufacturer.....
		Guaranteed.....
	Tennessee Chemical Co. (Armour owned), Louisville, Cincinnati, Nashville.	
65084	Plant Bed Special	Manufacturer.....
		Guaranteed.....
65086	Ox 4-8-3 Fertilizer	Manufacturer.....
		Guaranteed.....
65835	Ox 2-12-6 Fertilizer	W. F. Grainger, Franklin.....
		Guaranteed.....
65088	Ox 2-12-2 Fertilizer	Manufacturer.....
		Guaranteed.....
66083	Ox 2-16-2 Fertilizer	J. J. Shaver, Mayfield.....
		Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
21.00	0.75	21.75								25.2	65828
22.50	0.50	23.00								27.0	66081
21.85	1.10	22.95								26.2	66381
20.00										24.0	
17.50	0.45	17.95								21.0	65829
18.00	1.30	19.30								21.6	66296
17.20	1.60	18.80								20.6	66297
17.60	1.30	18.90								21.1	66298
16.00										19.2	
12.70	6.80	19.50			0.38	0.82	1.00			26.7	65830
16.30	5.50	21.80			0.23	0.90	1.09			32.1	66299
13.00	7.00	20.00				0.82	1.00			27.2	
		22.90	100		0.30	4.69	5.69			46.5	66300
		23.20	100			4.49	5.45			45.5	66301
		23.00				3.71	4.50			40.7	
		30.15	83	17	0.32	2.05	2.49			36.4	65455
		29.00				1.85	2.25			34.3	
		33.15	80	20	0.30	1.13	1.37			33.3	65831
		31.90	78	22	0.31	1.21	1.47			32.8	66302
		30.00	73	27	0.29	1.22	1.48			31.3	66303
		29.60	80	20	0.42	1.11	1.35			30.3	66304
		31.55	75	25	0.40	1.24	1.51			32.7	66382
		29.00				1.03	1.25			29.4	
		28.15	77	23	0.43	2.49	3.02			37.5	65832
		24.00				2.47	3.00			34.0	
10.20	4.80	15.00			4.02	4.02	4.88			41.3	65571
10.00						2.47	3.00			29.8	
12.90	0.85	13.75			1.35	2.61	3.17	1.20	1.35	43.0	65084
12.00	1.00	13.00				2.47	3.00		2.00	39.2	
8.30	1.70	10.00			2.52	3.19	3.87	3.12		41.6	65086
8.00	1.00	9.00				3.29	4.00	3.00		41.1	
12.15	1.80	13.95			1.01	1.47	1.78	6.15		46.2	65835
12.00	1.00	13.00				1.65	2.00	6.00		46.3	
11.55	1.70	13.25			1.23	1.69	2.05	1.99		34.1	65088
12.00	1.00	13.00				1.65	2.00	2.00		34.3	
15.70	1.90	17.60			1.35	1.67	2.03	2.03		40.4	66083
16.00	1.00	17.00				1.65	2.00	2.00		40.3	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Tennessee Chemical Co. (Armour Owned.)	
66084	†Ox 2-10-4 Fertilizer	Pineville Produce Co., Pineville..... Guaranteed.....
66085	Ox 0-12-4 Fertilizer	N. D. Tabor, Olive Hill..... Guaranteed.....
66305	†Ox Bone Meal	W. F. Grainger, Franklin..... Guaranteed.....
66306	Ox Raw Bone	W. F. Grainger, Franklin..... Guaranteed.....
65837	†Ox 16% Acid Phosphate	J. S. Duke, Crab Orchard.....
66086		N. D. Tabor, Olive Hill.....
66087		J. M. Johnson, Benton.....
66307		Auburn Mills, Auburn.....
66308		J. M. Johnson, Benton.....
66384		C. F. Roberts and Co., Olive Hill..... Guaranteed.....
65095	Ox 20% Acid Phosphate	Manufacturer..... Guaranteed.....
65096	Ox 2-12-0 Fertilizer	Manufacturer..... Guaranteed.....
66385	Ox 1-12-1 Fertilizer	C. F. Roberts and Co., Olive Hill..... Guaranteed.....
65098	Ox 1-10-1 Fertilizer	Manufacturer..... Guaranteed.....
66088	†Ox 2-8-2 Fertilizer	Mullikin and Craig, Bedford..... Guaranteed.....
66089	Ox 1-8-1 Fertilizer	N. D. Tabor, Olive Hill..... Guaranteed.....
65129	Ox Superior Tobacco Grower	Manufacturer..... Guaranteed.....
65131	Ox 2-8-1 Fertilizer	Manufacturer..... Guaranteed.....
65132	Ox Potash Mixture	Manufacturer..... Guaranteed.....
65133	Ox Nitrate of Soda	Manufacturer..... Guaranteed.....
65555	Ox Burley Special	Manufacturer..... Guaranteed.....
66091	Ox Dark Tobacco Maker	P. A. Blackwell and Co., Henderson.... Guaranteed.....
66092	Ox Tobacco Special	Sexton Bros., Murray..... Guaranteed.....
65558	Ox Tobacco Grower	Manufacturer..... Guaranteed.....

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.45	0.85	11.30			1.17	1.73	2.10	3.53		37.0	66084
10.00	1.00	11.00				1.65	2.00	4.00		37.3	
12.35	0.75	13.10						4.13		31.2	66085
12.00	1.00	13.00						4.00		30.4	
		27.40	74	26	0.46	2.37	2.88			36.2	66305
		27.00				2.47	3.00			36.4	
		25.70	59	41		3.99	4.84			44.5	66306
		22.00				3.71	4.50			39.9	
16.60	0.85	17.45								19.9	65837
16.45	1.35	17.80								19.7	66086
16.60	1.45	18.05								19.9	66087
16.00	3.00	19.00								19.2	66307
15.60	3.20	18.80								18.7	66308
17.10	1.30	18.40								20.5	66384
16.00	1.00	17.00								19.2	
20.80	0.45	21.25								25.0	65095
20.00	1.00	21.00								24.0	
12.15	1.90	14.05			1.19	1.70	2.06			29.2	65096
12.00	1.00	13.00				1.65	2.00			28.3	
12.00	1.25	13.25			0.56	0.80	0.97	0.98		26.2	66385
12.00	1.00	13.00				0.82	1.00	1.00		26.3	
12.45	1.85	14.30			0.75	1.10	1.34	1.36		30.1	65098
10.00	1.00	11.00				0.82	1.00	1.00		23.3	
9.00	0.75	9.75			0.88	1.74	2.11	2.13		30.6	66088
8.00	1.00	9.00				1.65	2.00	2.00		28.3	
8.60	1.20	9.80			0.56	1.00	1.21	1.34		23.4	66089
8.00	1.00	9.00				0.82	1.00	1.00		20.3	
9.65	2.60	12.25							4.64	29.4	65129
10.00	1.00	11.00							5.00	30.4	
8.30	2.80	11.10			1.13	1.65	2.00	1.20		27.0	65131
8.00	1.00	9.00				1.65	2.00	1.00		25.3	
10.20	2.20	12.40						2.04		22.3	65132
10.00	1.00	11.00						2.00		21.4	
						15.62	18.96			93.7	65133
						14.81	17.98			88.9	
8.55	1.70	10.25			2.02	2.60	3.16	6.93		49.9	65555
8.00	1.00	9.00				2.47	3.00	6.00		45.2	
7.80	3.30	11.10			1.05	1.72	2.09	0.52	3.51	35.4	66091
8.00	1.00	9.00				1.65	2.00	4.00		34.3	
9.30	2.45	11.75						6.08		33.2	66092
10.00	1.00	11.00						5.00		30.4	
9.80	2.35	12.15			1.09	1.62	1.97	2.06		31.5	65558
10.00	1.00	11.00				1.65	2.00	2.00		31.3	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65838	Tennessee Chemical Co. (Armour Owned.) Ox Louisville Standard	J. S. Duke, Crab Orchard..... Guaranteed.....
66118	Ox 2-14-2 Fertilizer	Manufacturer..... Guaranteed.....
66119	Ox 2-29 Bone Meal	Manufacturer..... Guaranteed.....
66140	Ox Bone Meal and Acid Phosphate	Manufacturer..... Guaranteed.....
66145	Ox 14% Acid Phosphate	Manufacturer..... Guaranteed.....
65839	Tennessee Coal, Iron and Railroad Co., Birmingham, Ala. Duplex Basic Phosphate	Farmers Union Supply Co., Glasgow... Farmers Union Supply Co., Somerset... Taylor Co. Supply Co., Campbellsville... Farmers Union Supply Co., Franklin... Taylor Co. Supply Co., Campbellsville... Hardin County Farm Bureau, Elizabethtown... Farmers Union Supply Co., Somerset... Guaranteed.....
65840		
66094		
66310		
66311		
66312		
66386		
64876	Victor Guano Co., Nashville, Tenn. Kentucky Home Guano	Manufacturer..... Guaranteed.....
64877	Complete Guano	Manufacturer..... Guaranteed.....
65841	Kentucky Soil Food	E. C. Humble, Russell Springs... Guaranteed.....
64879	Burley Tobacco Grower	Manufacturer..... Guaranteed.....
64880	High Grade Guano	Manufacturer..... Guaranteed.....
65842	Wheat, Oat and Corn Grower	E. C. Humble, Russell Springs... Guaranteed.....
64882	High Grade Tobacco and Truck Grower	Manufacturer..... Guaranteed.....
64883	Bone and Potash	Manufacturer..... Guaranteed.....
64884	High Grade Bone and Potash	Manufacturer..... Guaranteed.....
64885	High Grade Acid Phosphate	Manufacturer..... Guaranteed.....

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Victor Guano Co.	
65843	Special High Grade Acid Phosphate	J. B. Laskey, Somerset
65844		Lewis Co., Farm Bureau, Vanceburg
66387		Lambert-Gresham Hardware Co., Henderson
65598		I. Garnett Million, Richmond
64887	Bright Leaf Tobacco Guano	Guaranteed
65578	Kentucky High Grade Tobacco Grower	Manufacturer
65845	Premium Acid Phosphate	Guaranteed
		Lewis County Farm Bureau, Vanceburg
		Guaranteed
	Virginia-Carolina Chemical Co., Inc., Cincinnati, Nashville, Memphis.	
65846	V. C. 14% Acid Phosphate	C. B. Carden and Co., Hartford
65847	V. C. 16% Acid Phosphate	Guaranteed
65848		Estes and Hines, Science Hill
66095		Farmers Union Supply Co., Glasgow
66096		Farmers Union Supply Co., Falmouth
66313		G. M. Hedrick, Monticello
66314		Taylor County Supply Co., Campbells-ville
66315		A. W. Tarter, Columbia
65849	V. C. 20% Acid Phosphate	Farmers Union Supply Co., Glasgow
66097		Guaranteed
65850	V. C. 24% Acid Phosphate	Wayne County Farm Bureau, Monticello
65851		Jones Hardware Co., Kuttawa
66098		Guaranteed
65852	V. C. Capitol Phosphate and Potash	L. Corder, Monticello
65304	V. C. Prolific Grain Grower	J. H. Spradlin, Whitley City
65305	V. C. Sure Grain Producer	L. Corder, Monticello
66316	V. C. Champion Corn and Wheat Grower	Guaranteed
		Grigsby and Co., Bardstown
		Guaranteed
		Manufacturer
		Guaranteed
		Manufacturer
		Guaranteed
		Wm. Garner, Stop
		Guaranteed

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
16.90	3.10	20.00								20.3	65843
17.25	3.35	20.60								20.7	65844
17.75	3.10	20.85								21.3	66387
16.55	3.60	20.15								19.9	65598
16.00	2.00	18.00								19.2	
12.20	2.10	14.30			1.58	2.13	2.59	0.64	0.93	36.6	64887
9.00	4.00	13.00				1.65	2.00		1.00	28.0	
12.80	3.40	16.20			0.94	1.88	2.28	2.00	0.55	39.5	65578
12.00	2.00	14.00				1.65	2.00		2.00	34.7	
19.40	3.50	22.90								23.3	65845
18.00	2.00	20.00								21.6	
16.15	5.80	21.95								19.4	65846
14.00	1.50	15.50								16.8	
17.60	1.20	18.80								21.1	65847
18.25	1.85	20.10								21.9	65848
18.35	1.25	19.60								22.0	66095
17.50	1.25	18.75								21.0	66096
18.60	2.30	20.90								22.3	66313
17.30	2.70	20.00								20.8	66314
18.50	2.70	21.20								22.2	66315
16.00	1.50	17.50								19.2	
23.10	0.85	23.95								27.7	65849
21.55	0.65	22.20								25.9	66097
20.00	1.50	21.50								24.0	
25.30	1.55	26.85								30.4	65850
26.40	1.65	28.05								31.7	65851
26.90	2.05	28.95								32.3	66098
24.00	1.50	25.50								28.8	
10.95	2.20	13.15						6.28		36.2	65852
10.00	1.50	11.50						5.00		30.6	
13.55	1.70	15.25						0.60	2.33	29.8	65304
12.00	1.50	13.50						2.00		24.6	
15.95	1.50	17.45			1.76	2.50	3.04			39.5	65305
12.00	1.50	13.50				1.65	2.00			28.5	
7.70	3.10	10.80			0.60	0.92	1.12	2.02		24.4	66316
8.00	1.50	9.50				0.82	1.00	2.00		23.5	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65307	Virginia-Carolina Chemical Co., Inc. V. C. Farmers Friend	Manufacturer----- Guaranteed-----
65853	V. C. Beef, Blood and Bone BBB	Jas. Rice, Adairville-----
65854		Otter Creek Milling Co., Zula----- Guaranteed-----
66099	V. C. Springfall Fertilizer	J. S. Bell, Monticello-----
66317		Wm. Garner, Stop----- Guaranteed-----
66100	V. C. Tobacco Plant Food	Thompson and Henry, Lexington----- Guaranteed-----
65311	V. C. Gem Fertilizer for Tobacco	Manufacturer----- Guaranteed-----
65856	†V. C. 2-8-4 Tobacco Special (Potash from Sulphate)	Taylor County Supply Co., Campbells-ville-----
66101		J. R. Shuffett and Son, Greensburg-----
66318		Wm. Garner, Stop----- Guaranteed-----
65313	V. C. Bone Meal and Phosphate	Manufacturer----- Guaranteed-----
66319	V. C. Pure Bone Meal	G. M. Hedrick, Monticello----- Guaranteed-----
66320	†V. C. Raw Bone Meal	Wm. Garner, Stop----- Guaranteed-----
65316	V. C. Plant Food for Vegetables, Lawns and Flowers	Manufacturer----- Guaranteed-----
65317	V. C. Nitrate of Soda	Manufacturer----- Guaranteed-----
65318	V. C. Muriate of Potash	Manufacturer----- Guaranteed-----
65319	V. C. Sulphate of Potash	Manufacturer----- Guaranteed-----
65320	V. C. Sulphate of Ammonia	Manufacturer----- Guaranteed-----
65321	V. C. Bright Tobacco Fertilizer (Potash from Sulphate)	Manufacturer----- Guaranteed-----
65858	V. C. 10% Acid Phosphate	E. M. Garrett, Scottsville----- Guaranteed-----
65859	V. C. Tobacco and Truck Special (Potash from Sulphate)	A. W. Tarter, Columbia----- Guaranteed-----

TABLE I.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
9.20	1.00	10.20			0.67	1.01	1.23		3.16	29.7	65307
8.00	1.50	9.50				0.82	1.00	3.00		26.5	
8.05	6.85	14.90			1.03	1.58	1.92	2.16		30.8	65853
9.00	0.85	9.85			1.70	1.98	2.40	2.56		33.40	65854
8.00	1.50	9.50				1.65	2.00	2.00		28.5	
11.40	3.30	14.70			1.28	1.59	1.93	2.23		34.7	66099
11.80	3.10	14.90			0.33	1.71	2.08	2.09		35.5	66317
12.00	1.50	13.50				1.65	2.00	2.00		34.5	
10.60	1.50	12.10			1.26	2.38	2.89			30.8	66100
9.00	1.50	10.50				2.47	3.00			28.9	
12.00	3.25	15.25			0.54	1.97	2.39	0.76	1.06	36.6	65311
9.00	1.50	10.50				1.65	2.00		1.00	27.0	
9.05	7.20	16.25			1.72	1.96	2.38		3.95	40.1	65856
8.85	8.00	16.85			1.91	1.91	2.32		4.07	40.2	66101
8.40	1.90	10.30			1.21	1.46	1.77	1.12	2.84	34.0	66318
8.00	1.50	9.50				1.65	2.00		4.00	34.5	
9.75	13.85	23.60				1.01	1.23			26.2	65313
10.00	12.00	22.00				0.82	1.00			24.7	
		28.70	85	15	0.72	2.22	2.70			36.3	66319
		22.00				2.47	3.00			32.4	
		22.20	85	15	0.39	4.32	5.24			45.5	66320
		20.00				3.71	4.50			38.3	
9.55	2.75	12.30			3.96	5.21	6.32	0.72	2.69	56.9	65316
8.00	1.50	9.50				4.94	6.00	3.00		51.2	
						15.68	19.04			94.7	65317
						14.82	18.00			88.9	
								52.24		156.7	65318
								50.00		150.0	
									49.0	147.0	65319
									48.0	144.0	
						20.74	25.18			124.4	65320
						20.56	25.00			123.4	
10.90	0.90	11.80			0.27	1.04	1.26		2.70	31.1	65321
8.00	1.50	9.50				0.82	1.00		2.00	23.5	
10.10	13.10	23.20								12.1	65858
10.00	1.50	11.50								12.0	
7.80	2.00	9.80			2.16	2.41	2.93	1.60	4.78	46.1	65859
8.00	1.50	9.50				2.47	3.00		6.00	45.4	

TABLE I.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65860	Virginia-Carolina Chemical Co., Inc. V. C. Big Giant Crop Grower	B. R. Twyford, Monticello..... Guaranteed.....
65861	V. C. Progressive Farmer	G. M. Hedrick, Monticello.....
66388		G. M. Hedrick, Monticello..... Guaranteed.....
	Winona Oil and Mfg. Co., Columbia, Tenn.	
65597	Winona 16% Acid Phosphate	I. Garnett Million, Richmond.....
65775		Denton Hardware Co., Madisonville.....
65862		I. H. Hummer and Co., Scottsville.....
65863		Hardin County Farm Bureau, Elizabethtown.....
66102		Lambert-Gresham Hdw. Co., Henderson.....
66321		Auburn Mills, Auburn..... Guaranteed.....
	Wood, Stubbs and Co., Store; Louisville, Ky.	
65535	Acme Potato and Tobacco Grower	Manufacturer..... Guaranteed.....
65536	Acme Special Potato Grower	Manufacturer..... Guaranteed.....
65537	Acme Wheat and Corn Grower	Manufacturer..... Guaranteed.....
65538	Acme High Grade Vegetable Grower	Manufacturer..... Guaranteed.....
65540	Acme Three-Eight-Five	Manufacturer..... Guaranteed.....
65541	Acme Tobacco Booster	Manufacturer..... Guaranteed.....
66113	Acme High Grade Phosphate 16%	Manufacturer..... Guaranteed.....

TABLE I.

[illegible]

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chem. Co., Inc., Cincinnati, Ohio.	
65890	†A. A. C. Special Tobacco Grower	Bokhara Seed Co., Falmouth Guaranteed
65601	†A. A. C. Kentucky Tobacco Grower	J. C. Everett and Co., Maysville
65892		J. R. Nelson, Eubank
66324		J. P. Strother, Milton Guaranteed
64892	A. A. C. Little Wonder Fertilizer	Manufacturer
65603	A. A. C. High Grade Fertilizer	Guaranteed
65604		Gross and Wiseman, Cecilia
65894		T. J. Bell, Moreland
		Mullikin and Craig, Bedford Guaranteed
65896	†Bowker's Harvest Bone Phosphate	T. E. Richardson, Campbellsville Guaranteed
64899	Bowker's Harvest Queen	Manufacturer
65608	†Bowker's Fish Guano	Guaranteed
65609	†Bowker's Corn and Wheat Phosphate	J. L. Richards and Sons, Jamestown Guaranteed
65898	Bowker's Tobacco Grower	Gooch and Payne, Eubank
65899		Guaranteed
66160	Bradley's Faultless Grain Grower	T. E. Richardson, Campbellsville
64913	Bradley's Sure Crop	R. L. McFerron, Mt. Vernon Guaranteed
64914	Bradley's Potato and Root Fertilizer	Ezekiel Roy, Brady Guaranteed
64926	Cleveland Dryer Works Sure Crop	Manufacturer
64927	Cleveland Dryer Works Potato and Tobacco Fertilizer	Guaranteed
65617	†Red Line Complete Manure	Manufacturer
65902		Guaranteed
66169	Michigan Carbon Works Sure Crop	L. B. Sievers and Son, Somerset
65619	†Michigan Carbon Works Corn and Wheat Phosphate	Mullikin and Craig, Bedford Guaranteed
		S. L. Cummins, Crab Orchard Guaranteed
		T. J. Bell, Moreland
		Guaranteed

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.65	2.35	13.00			0.40	1.24	1.51			24.4	65890
10.00	4.00	14.00				1.65	2.00			26.5	
7.90	1.90	9.80			1.27	1.65	2.00	2.19		29.1	65601
8.80	1.00	9.80			1.35	1.60	1.94	2.11		29.5	65892
8.20	1.90	10.10			1.25	1.56	1.89	1.94		28.2	66324
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
10.50	1.40	11.90			0.51	0.83	1.01			21.3	64892
10.00	4.00	14.00				0.82	1.00			21.5	
8.10	1.80	9.90			1.93	2.40	2.91	5.86		44.9	65603
8.20	1.70	9.90			1.98	2.39	2.90	6.03		45.4	65604
8.55	1.15	9.70			2.01	2.46	2.99	5.74		45.3	65894
8.00	4.00	12.00				2.47	3.00	6.00		46.4	
8.65	0.90	9.55			0.66	0.95	1.15	1.12		22.4	65896
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
8.60	1.00	9.60			0.56	0.81	0.98	2.11		24.5	64899
8.00	4.00	12.00				0.82	1.00	2.00		24.5	
8.30	1.10	9.40			0.56	0.83	1.01	3.34		27.9	65608
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
10.30	1.00	11.30			0.73	0.93	1.13	1.24		25.2	65609
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
8.30	1.00	9.30			1.34	1.68	2.04	5.18		38.5	65898
8.15	0.90	9.05			1.06	1.85	2.25	5.78		41.0	65899
8.00	4.00	12.00				1.65	2.00	5.00		38.5	
8.30	1.60	9.90			0.61	0.88	1.07	0.91		21.1	66160
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
8.60	1.00	9.60			0.56	0.81	0.98	2.11		24.5	64913
8.00	4.00	12.00				0.82	1.00	2.00		24.5	
8.60	0.90	9.50			0.57	0.82	1.00	3.31		28.1	64913
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
8.60	1.00	9.60			0.56	0.81	0.98	2.11		24.5	64926
8.00	4.00	12.00				0.82	1.00	2.00		24.5	
8.60	0.90	9.50			0.57	0.82	1.00	3.31		28.1	64927
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
8.30	1.30	9.60			0.63	0.87	1.06	0.97		21.1	65617
8.85	0.70	9.55			0.53	0.82	1.00	1.34		22.5	65902
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
8.20	1.40	9.60			0.57	0.81	0.98	2.18		24.3	66169
8.00	4.00	12.00				0.82	1.00	2.00		24.5	
10.40	1.10	11.50			0.75	0.96	1.17	1.70		26.9	65619
10.00	4.00	14.00				0.82	1.00	1.00		24.5	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	The American Agricultural Chem. Co., Inc.	
65620 66330	†Homestead A Bone Black Fertilizer	Hill Hardware Co., Bowling Green..... J. F. Collings, Shepherdsville..... Guaranteed.....
65623 65624 65905	†Homestead Tobacco Grower	Lebanon Carriage and Impl. Co., Lebanon..... Hill Hardware Co., Bowling Green..... J. P. Page, Barlow..... Guaranteed.....
66175	†Michigan Carbon Works High Potash Phosphate	D. L. D. Sandefur, Beaver Dam..... Guaranteed.....
65626 65627 65907 66176	†Homestead Potato and Tobacco Special	Woodson Lewis and Son, Greensburg..... Mayhew and Gilbert, Franklin..... J. P. Strother, Milton..... S. L. Cummins, Crab Orchard..... Guaranteed.....
65632 65633	†N. W. Horseshoe Br. Dark Tobacco Grower	E. S. Ferrill and Son, Buffalo..... Woodson Lewis and Son, Greensburg..... Guaranteed.....
65634	N. W. Horseshoe Br. Sure Crop	L. B. Sievers and Son, Somerset..... Guaranteed.....
64953	N. W. Horseshoe Br. Potash Manure	Manufacturer..... Guaranteed.....
65636	†N. W. Horseshoe Br. Corn and Wheat Phosphate	J. R. Nelson, Eubank..... Guaranteed.....
65638	N. W. Horseshoe Br. Tobacco and Truck Grower	J. W. Morgan, Pine Knot..... Guaranteed.....
65641	Packer's Boar's Head Br. Sure Crop	I. E. and Orval Cooper, Poynter..... Guaranteed.....
65643	Packer's Boar's Head Br. Complete Fertilizer	I. E. and Orval Cooper, Poynter..... Guaranteed.....
65644	Packer's Boar's Head Br. H. Gr. Tobacco Grower	I. E. and Orval Cooper, Poynter..... Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.35	1.50	9.85			1.63	1.95	2.37	1.59		29.6	65620
8.50	1.40	9.90			1.59	1.97	2.39	1.58		29.9	66330
8.00	4.00	12.00				2.06	2.50	1.50		30.5	
10.10	1.10	11.20			2.16	2.43	2.95	1.17		33.7	65623
10.80	1.20	12.00			1.92	2.29	2.78	2.94		39.2	65624
10.65	1.30	11.95			1.97	2.42	2.94	2.99		40.0	65905
10.00	4.00	14.00				2.47	3.00	3.00		40.4	
10.40	1.40	11.80						4.54		29.8	66175
10.00	2.00	12.00						5.00		30.8	
8.90	0.80	9.70			1.26	1.47	1.78	5.06		37.7	65626
8.80	0.90	9.70			1.25	1.53	1.86	5.62		39.6	65627
7.80	2.10	9.90			0.84	2.29	2.78	4.19		38.9	65907
7.50	2.00	9.50			1.33	1.61	1.95	4.94		36.5	66176
8.00	4.00	12.00				1.65	2.00	5.00		38.5	
8.50	0.60	9.10			0.62	0.84	1.02	1.32		22.0	65632
8.70	0.80	9.50			0.52	0.80	0.97	1.07		21.4	65633
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
8.80	0.80	9.60			0.55	0.83	1.01	2.09		24.8	65634
8.00	4.00	12.00				0.82	1.00	2.00		24.5	
8.60	0.90	9.50			0.57	0.82	1.00	3.31		28.1	64953
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
10.10	1.60	11.60			0.61	0.90	1.09	1.28		24.9	65636
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
10.10	1.50	11.60			2.09	2.50	3.04	1.19		34.3	65638
10.00	4.00	14.00				2.47	3.00	1.00		34.4	
8.20	1.10	9.30			0.53	0.80	0.97	1.90		23.2	65641
8.00	4.00	12.00				0.82	1.00	2.00		24.5	
12.20	1.70	13.90			1.29	1.54	1.87	2.87		36.8	65643
12.00	4.00	16.00				1.65	2.00	3.00		38.5	
9.90	1.40	11.30			1.93	2.38	2.89	2.87		38.2	65644
10.00	4.00	14.00				2.47	3.00	3.00		40.4	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Armour Fertilizer Works, Louisville, Cincinnati, Nashville.	
65650	†Big Crop Dark Tobacco Grower	D. M. Brakefield, Adairville..... Guaranteed.....
66183	†Big Crop 16% Acid Phosphate	Wilson-Winn and Co., Russellville.....
66184		R. T. Kirkman, Elkton..... Guaranteed.....
66185	†Armour's 2-8-2 Fertilizer	Cantrell and Penick, Greensburg..... Guaranteed.....
65925	Ideal H. Gr. Tobacco Grower	The T. J. Turley Co., Owensboro..... Guaranteed.....
66341	†Ideal Superphosphate	The T. J. Turley Co., Owensboro..... Guaranteed.....
	Buhner's Fertilizer Co., Seymour, Ind.	
65534	Buhner's 3-8-5	Manufacturer..... Guaranteed.....
66192	Buhner's Crop Grower	Harvey Stout and Sons, Fern Creek... Guaranteed.....
	Calumet Fertilizer Co., New Albany, Ind.	
65927	†Calumet Br. "Crop Grower"	Lexington Seed Co., Lexington..... Vine Grove Feed Co., Vine Grove..... Guaranteed.....
66342		Patrick Dillon, Hardinsburg..... Guaranteed.....
66343	Calumet Br. 2-8-2	
	Consolidated Chemical Co., Louisville, Ky.	
65931	Camel Br. Corn and Wheat Special	J. M. Skillman, Hardinsburg..... Farmers Supply Co., Hodgenville..... Guaranteed.....
66193		Geo. W. Richardson, Somerset..... Guaranteed.....
65668	Camel Br. Universal Crop Fertilizer	Farmers Supply Co., Hodgenville... Guaranteed.....
66194	Camel Br. General Crop Fertilizer	Manufacturer..... Guaranteed.....
65485	Camel Br. One-Ten-One Fertilizer	Manufacturer..... Guaranteed.....
65486	Camel Br. One-Eight-Three Fertilizer	Manufacturer..... Guaranteed.....
65932	Camel Br. Blue Grass Tobacco Grower	J. M. Skillman, Hardinsburg..... Guaranteed.....
65933	Camel Br. Three-Eight-Six Tobacco Grower	J. F. Collings, Shepherdsville..... Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.70	2.70	11.40			1.15	1.84	2.23	0.52	2.64	34.7	65650
8.00	1.00	9.00				1.65	2.00		4.00	34.3	
14.90	3.10	18.00								17.9	66183
14.70	3.00	17.70								17.6	66184
16.00	1.00	17.00								19.2	
7.90	1.10	9.00			0.97	1.81	1.95	1.32		25.9	66185
8.00	1.00	9.00				1.65	2.00	2.00		28.3	
11.00	1.40	12.40			0.91	1.71	2.08	0.96		51.1	65925
10.00	1.00	11.00				1.65	2.00		6.95	55.3	
14.90	2.90	17.80							10.00	17.9	66341
16.00	1.00	17.00								19.2	
8.70	2.55	11.25			1.30	2.06	2.50	4.59		40.2	65534
8.00						2.47	3.00	5.00		41.8	
8.00	3.20	11.20			0.71	1.38	1.68	2.15		28.0	66192
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
8.40	1.10	9.50			0.34	0.75	0.91	0.97		20.5	65927
7.50	1.20	8.70			0.27	0.71	0.86	1.14		19.4	66342
8.00	4.00	12.00				0.82	1.00	1.00		21.5	
8.30	1.40	9.70			0.74	1.46	1.77	2.06		28.0	66343
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
11.60	0.90	12.50			0.33	0.57	0.69	1.05		24.3	65931
11.60	0.50	12.10			0.36	0.68	0.83	1.44		26.0	66193
11.00	4.00	15.00				0.41	0.50	1.00		23.6	
12.35	1.35	13.70			0.46	0.80	0.97	0.95		26.7	65668
12.00	4.00	16.00				0.82	1.00	1.00		27.5	
10.40	0.90	11.30			0.50	0.88	1.07	2.21		27.9	66194
10.00	4.00	14.00				0.82	1.00	2.00		27.5	
10.25	0.85	11.10			0.68	0.93	1.13	1.49		25.8	65485
10.00	4.00	14.00				0.82	1.00	1.00		24.5	
8.65	0.90	9.55			0.94	0.94	1.14	3.56		29.7	65486
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
8.40	0.80	9.20			0.89	1.21	1.47	4.07		32.4	65932
8.00	4.00	12.00				1.23	1.50	4.00		33.0	
8.10	0.90	9.00			1.42	2.43	2.95	5.63		44.0	65933
8.00	4.00	12.00				2.47	3.00	6.00		46.4	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65496	Consolidated Chemical Co. Camel Br. High Grade Fertilizer	Manufacturer..... Guaranteed.....
66195	Camel Br. Potash Tobacco Fertilizer	Otter Creek Milling Co., Zula..... Guaranteed.....
66197	Camel Br. Steamed Bone	Farmers Supply Co., Hodgenville..... Guaranteed.....
66198	Camel Br. Raw Bone	Otter Creek Milling Co., Zula.....
66199		Farmers Supply Co., Hodgenville..... Guaranteed.....
65589	Camel Br. Three-Eight-Six Tobacco Fertilizer	Manufacturer..... Guaranteed.....
66200	Camel Br. Beef, Blood and Bone	Farmers Supply Co., Hodgenville..... Guaranteed.....
66201	Camel Br. Standard Grain Fertilizer	Otter Creek Milling Co., Zula..... Guaranteed.....
65943	The Empire Guano Co., Nashville, Tenn. Blood, Bone and Potash	The Denton Mercantile Co., Hillsboro..... Guaranteed.....
65104	The Evansville Packing Co., Evansville, Ind. Phosphate and Potash	Manufacturer..... Guaranteed.....
65107	Farmers Pride	Manufacturer..... Guaranteed.....
65949	†Three "B"	McLean Hardware Co., Calhoun..... Guaranteed.....
65110	Corn and Wheat Special	Manufacturer..... Guaranteed.....
65112	Special Ten Ten	Manufacturer..... Guaranteed.....
65113	Farmers Special	Manufacturer..... Guaranteed.....
65114	Vegetable Special	Manufacturer..... Guaranteed.....
65951	Tobacco Special	McLean Hardware Co., Calhoun..... Guaranteed.....
65679	Dark Patch Special	Young Hardware Co., Hopkinsville..... Guaranteed.....
65566	Phosphate and Potash Special	Manufacturer..... Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.40	1.30	11.70			1.29	1.73	2.10			26.5	65496
10.00	4.00	14.00				1.65	2.00			26.5	
9.30	2.30	11.60						3.64	1.10	29.1	66195
10.00	2.00	12.00						5.00		30.8	
		29.10	70	30	0.21	0.80	0.97			28.1	66197
		30.00				1.03	1.25			30.2	
		20.10	75	25	0.36	4.18	5.07			41.2	66198
		16.90	79	21	0.28	3.73	4.53			35.9	66199
		22.00				3.71	4.50			39.9	
8.70	1.90	10.60			1.21	2.00	2.43		6.11	44.1	65589
8.00	4.00	12.00				2.47	3.00		6.00	46.4	
8.10	0.80	8.90			0.96	1.37	1.66	2.25		27.4	66200
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
8.40	1.00	9.40			1.29	1.70	2.06	2.16		29.7	66201
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
8.70	4.80	13.50			0.40	1.23	1.49	1.87		28.0	65943
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
7.70	0.50	8.20							2.52	19.3	65104
10.00									2.00	21.0	
10.50	0.60	11.10			0.67	0.70	0.85		1.11	23.5	65107
12.00						0.82	1.00		1.00	25.9	
8.20	1.40	9.60			1.37	1.61	1.95	1.05		25.7	65949
8.00						1.65	2.00		2.00	27.9	
8.85	0.45	9.30			0.65	0.66	0.80		2.50	24.9	65110
12.00						0.82	1.00		3.00	31.9	
6.05	0.35	6.40							6.05	27.4	65112
10.00									10.00	45.0	
9.10	0.40	9.50			1.05	1.05	1.27		1.84	25.6	65113
12.00						1.65	2.00		2.00	33.9	
5.45	0.35	5.80			0.90	0.90	1.09		4.75	28.0	65114
12.00						1.65	2.00		6.00	45.9	
10.30	1.10	11.40			2.41	2.70	3.28	3.50		42.6	65951
10.00						3.29	4.00		4.00	46.7	
10.05	0.70	10.75			1.66	1.90	2.31	3.78		38.1	65679
10.00						2.47	3.00		3.00	38.8	
7.35	0.75	8.10							2.63	19.2	65566
10.00									4.00	27.0	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Federal Chemical Co., Inc., Louisville, Ky.	
65952	Ammoniated Potash Ten	Lancaster-Smith Seed Co., Owensboro Guaranteed
65955	Special Tobacco Maker	Lake Bros., Springfield
65956		Fordsville Planing Mill Co., Fordsville
65957		Geo. Wetherill and Son, Prestonville Guaranteed
65681	Beef, Blood and Bone	Grayson County Supply Co., Leitchfield
66206		Grayson County Supply Co., Leitchfield Guaranteed
65682	Level Best Tobacco Grower	S. A. Browning, Vanceburg
65958		Thompson Fertilizer Co., Mt. Sterling Guaranteed
65683	Special Tobacco and Potato Grower	N. B. Triplett, Waynesburg
65684		Buechel Produce Exchange, Buechel
65959		St. Matthews Produce Exchange, St. Matthews
66207		St. Matthews Produce Exchange, St. Matthews Guaranteed
65685	High Grade Tobacco Grower	Sam Carpenter and Co., Maysville
65960		R. T. Foree Co., New Castle Guaranteed
65962	High Grade Fertilizer	Perry Feed and Commission Co., Hazard
65963		Gentry and McCauley, Versailles Guaranteed
65686	A-1 Potato Grower	Buechel Produce Exchange, Buechel Guaranteed
65687	A-1 Extra Tobacco Special	Alva West and Co., Maysville
65688		Blue Grass Commission Co., Lexington Guaranteed
66350	†Potash Mixture	Plain Hardware Co., Madisonville Guaranteed
65690	Pure Bone	Planters Hardware Co., Hopkinsville
66210		E. F. Pearson, Franklin
66351		T. Z. Leachman, Greensburg Guaranteed

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
8.00	2.80	10.80			0.50	0.91	1.10	9.46		47.0	65952
8.00	4.00	12.00				0.82	1.00		10.00	48.5	
10.00	0.80	10.80			0.90	1.46	1.77	2.32		31.0	65955
9.70	0.70	10.40			1.31	1.72	2.09	2.63		33.0	65956
9.40	1.10	10.50			1.30	1.64	1.99	3.73		35.6	65957
10.00	4.00	14.00				1.65	2.00		2.00	32.5	
10.00	0.70	10.70			0.92	1.48	1.80	2.11		30.5	65681
8.40	2.30	10.70			1.18	1.62	1.97	2.21		30.0	66206
10.00	4.00	14.00				1.65	2.00		2.00	32.5	
9.55	0.75	10.30			2.50	2.50	3.04	3.62		40.5	65682
10.00	0.80	10.80			1.74	2.33	2.83	1.48	1.70	38.8	65958
10.00	4.00	14.00				2.47	3.00		3.00	40.4	
7.80	0.80	8.60			2.18	2.47	3.00	5.91		44.6	65683
7.60	0.45	8.05			2.42	2.69	3.27	3.36	3.83	49.3	65684
7.60	0.60	8.20			2.44	2.71	3.29	3.08	3.67	48.2	65959
8.40	3.00	11.40			1.70	2.30	2.79		5.33	43.6	66207
8.00	4.00	12.00				2.47	3.00		6.00	46.4	
7.45	0.45	7.90			2.76	3.07	3.73	5.47		46.2	65685
7.70	0.90	8.60			2.31	2.96	3.59	3.12	0.93	41.7	65960
8.00	4.00	12.00				3.29	4.00		4.00	45.3	
11.60	1.00	12.60			1.58	2.03	2.46			30.0	65962
11.90	0.90	12.80			1.24	1.72	2.09			28.5	65963
12.00	4.00	16.00				1.65	2.00			29.5	
10.30	0.60	10.90			2.90	3.31	4.02			35.6	65686
10.00	4.00	14.00				3.29	4.00			36.3	
9.60	0.70	10.30			2.43	2.88	3.50			32.0	65687
9.95	0.55	10.50			2.43	3.06	3.71			33.5	65688
10.00	4.00	14.00				3.29	4.00			36.3	
11.10	3.40	14.50						2.86		26.6	66350
10.00	2.00	12.00							4.00	27.8	
		24.60	83	17	0.79	3.82	4.64			42.6	65690
		24.60	79	21	0.91	3.84	4.66			42.6	66210
		26.40	84	26	0.54	3.31	4.02			41.0	66351
		30.00				1.03	1.25			30.2	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Federal Chemical Co., Inc.	
65691	Daybreak Wheat and Corn Special	Alva West and Co., Maysville.....
66211		Grayson County Supply Co., Leitchfield.....
		Guaranteed.....
65692	Daybreak Tobacco Manure	J. A. Shaver, Greenville.....
		Guaranteed.....
65966	Daybreak Tobacco Grower	Owenton Grocery Co., Owenton.....
		Guaranteed.....
65693	Daybreak Special Tobacco Grower	Alva West and Co., Maysville.....
65967		G. G. Wood and Co., Carrollton.....
65968		Birk and Price Co., Owensboro.....
		Guaranteed.....
65974	Plant Bed Special	R. A. Dodd, Nicholasville.....
65975		McClure and Simms, Springfield.....
		Guaranteed.....
65977	†2-8-5 Tobacco Formula	Jones and Co., La Center.....
		Guaranteed.....
	Fox Chemical Co., Branch Federal Chemical Co., Inc., Louisville, Ky.	
65696	†Fox Blood, Bone Phosphate and Potash	Mart. Hamlin, Pine Knot.....
		Guaranteed.....
65980	Red Fox Grain and Grass Grower	Sweeney Bros., Lawrenceburg.....
		Guaranteed.....
65697	Fox Soil Builder	S. W. Stanton, Ellettsburg.....
		Guaranteed.....
65698	Fox Early Harvest	A. R. Blakey, Esto.....
		Guaranteed.....
65700	Fox Tobacco Grower	N. B. Triplett, Waynesburg.....
		Guaranteed.....
65701	Fox Special Tobacco Grower	Blue Grass Commission Co., Lexington.....
65982		Sweeney Bros., Lawrenceburg.....
		Guaranteed.....
	Globe Fertilizer Co. Br. Federal Chem. Co., Inc., Louisville, Ky.	
66218	Globe Blood, Bone Phosphate and Potash	T. M. Zachery, Liberty.....
66219		
		I. K. Miller and Sons, Campbellsville.....
		Guaranteed.....
66220	Globe Wheat and Grain Special	T. M. Zachery, Liberty.....
66221		W. H. Broach, Murray.....
		Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.95	0.60	11.55			0.48	0.48	0.58	1.18		25.3	65691
10.60	1.80	12.40			0.16	0.40	0.49	1.28		22.9	66211
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
9.50	0.85	10.35			0.67	0.94	1.14	2.29		27.1	65692
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
7.80	1.20	9.00			1.05	1.56	1.89	2.19		27.8	65966
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
6.80	0.95	7.75			1.06	1.35	1.64	6.34		37.7	65693
6.90	1.00	7.90			0.98	1.29	1.57	6.34		37.4	65967
7.80	2.50	10.30			0.74	1.25	1.52	5.62		37.1	65968
8.00	4.00	12.00				1.23	1.50		6.00	39.0	
9.60	1.00	10.60			2.49	2.83	3.44	3.99		43.8	65974
10.80	1.00	11.80			2.09	2.43	2.95	2.98		40.1	65975
10.00	4.00	14.00				2.47	3.00		3.00	40.4	
8.20	2.20	10.40			0.85	1.52	1.85	5.00		37.3	65977
8.00	4.00	12.00				1.65	2.00		5.00	38.5	
11.60	0.50	12.10			0.66	0.66	0.80	0.93		24.4	65696
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
10.10	0.40	10.50			0.28	0.50	0.61	1.26		22.1	65980
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
11.75	2.65	14.40			0.22	0.50	0.61	0.99		24.7	65697
13.00	4.00	17.00				0.41	0.50		1.00	26.6	
9.75	2.55	12.30			0.21	0.73	0.89	2.00		26.0	65698
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
8.00	0.90	8.90			1.51	1.83	2.22	2.31		30.3	65700
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
7.30	0.70	8.00			1.56	1.90	2.31	6.34		41.7	65701
7.70	1.30	9.00			1.10	1.52	1.85	4.08	0.94	36.3	65982
8.00	4.00	12.00				1.65	2.00		5.00	38.5	
11.10	1.40	12.50				0.43	0.52	1.67		24.8	66218
11.30	1.40	12.70				0.35	0.42	1.31		23.5	66219
11.00	4.00	15.00				41	0.50		1.00	23.6	
11.20	2.30	13.50			0.33	0.78	0.95	1.58		27.1	66220
12.60	2.90	15.50			0.26	0.55	0.67	0.79		25.7	66221
12.00	4.00	16.00				0.82	1.00		1.00	27.5	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Globe Fertilizer Co., Br. Federal Chem. Co., Inc.	
65707	†Progress Corn and Wheat Grower	Harmon and McAnly, Junction City.... Guaranteed.....
65986	Braden Formula	A. T. Warder, Epworth.....
66223		W. A. Williams, Bengal.....
66359		Vine Grove Feed Co., Vine Grove.... Guaranteed.....
65711	Big Four Tobacco Grower	C. L. and F. F. Dudley, Flemingsburg..
65712		Farmers Union Supply Co., Bowling Green.....
65988		I. K. Miller and Sons, Campbellsville.. Guaranteed.....
66360	Globe Wheat Grower	Moss and Gibson, Crestwood..... Guaranteed.....
65713	Kentucky Tobacco Maker	I. K. Miller and Sons, Campbellsville.. Guaranteed.....
65714	†Kentucky Standard Tobacco Grower	S. A. Browning, Vanceburg.....
65989		Fred H. Vogel, Henderson..... Guaranteed.....
65716	Globe Special Tobacco Grower	Stuart's Cash Grocery, Horse Cave....
65990		R. A. Dodd, Nicholasville.....
65991		W. H. Broach, Murray..... Guaranteed.....
66361	Globe Gold Medal Mixture	I. K. Miller and Sons, Campbellsville.. Guaranteed.....
66362	Globe Half and Half Meal Mixture	Pete Sheehan, Rock Haven..... Guaranteed.....
66363	†Globe Raw Bone	Moss and Gibson, Crestwood..... Guaranteed.....
	Groves Fertilizer Works, Cincinnati, Ohio.	
65721	Square Br. 3-8-6	J. A. McAninch, Gilpin..... Guaranteed.....
65997	†Perfect Driller	J. F. Collings, Shepherdsville..... Guaranteed.....
66359	Bone and Phosphate	Manufacturer..... Guaranteed.....
	Hall Seed Co., Louisville, Ky.	
65510	Halco Special Tobacco Grower	Manufacturer..... Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.50	0.55	11.05				0.51	0.62	1.98		25.0	65707
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
10.90	1.00	11.90			0.74	0.98	1.19	3.91		34.4	65986
10.55	2.50	13.05			0.31	0.76	0.92	3.16		30.9	66223
10.60	2.50	13.10			0.33	0.79	0.96	3.01		30.7	66359
11.00	4.00	15.00				0.82	1.00		3.00	32.0	
7.35	0.70	8.05			1.39	1.70	2.06	2.18		28.1	65711
8.60	2.90	11.50			0.74	1.11	1.35	1.76		26.0	65712
7.80	1.00	8.80			1.38	1.76	2.14	2.49		30.1	65988
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
8.10	3.10	11.20			1.24	1.68	2.04	2.53		32.1	66360
10.00	4.00	14.00				1.65	2.00		2.00	32.5	
9.65	0.65	10.30			1.46	1.83	2.22	2.08		32.0	65713
10.00	4.00	14.00				1.65	2.00		2.00	32.5	
7.55	0.50	8.05			1.52	1.79	2.17	5.66		39.3	65714
8.80	1.10	9.90			0.34	1.27	1.54	2.36	3.22	37.9	65989
8.00	4.00	12.00				1.65	2.00		5.00	38.5	
7.55	1.85	9.40			1.69	2.52	3.06	8.88		53.8	65716
7.30	1.20	8.50			2.39	2.70	3.28	10.82		60.1	65990
8.00	2.10	10.10			1.30	2.06	2.48	10.34		56.2	65991
8.00	4.00	12.00				2.47	3.00		10.00	58.4	
11.10	1.40	12.50				0.43	0.52			19.8	66361
12.00	4.00	16.00				0.41	0.50			22.1	
8.80	13.10	21.90			0.28	1.49	1.81			27.4	66362
10.00	10.00	20.00				1.65	2.00			28.9	
		20.40	85	15	0.37	3.82	4.64			39.2	66363
		22.00				3.71	4.50			40.0	
8.30	1.60	9.90			1.76	2.60	3.16	5.14		44.1	65721
8.00	1.00	9.00				2.47	3.00	6.00		45.2	
6.50	9.30	15.80				0.54	0.66			16.7	65997
8.00	8.00	16.00				0.41	0.50			17.7	
8.80	13.80	22.60			0.37	1.20	1.46			25.9	65359
10.00	10.00	20.00				0.82	1.00			23.9	
9.10	4.50	13.60				0.41	0.50	0.54		19.0	65510
8.00	1.00	9.00				0.41	0.50	1.00		17.9	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Hopkins Fertilizer Co., New Albany, Ind.	
65999	†Ammoniated Special	W. T. Crum, Smithfield Guaranteed
66232	†Wheat and Corn Grower No. 1	Conner-Hayden Co., Bardstown Guaranteed
66006	†Blackland Special	W. F. McClure, Bedford Guaranteed
66242	†Burley Grower	Johnson Lumber and Supply Co., Buechel Guaranteed
66244	Coarse Ground Steamed Bone Meal	S. E. Redford, Glasgow Guaranteed
	International Agricultural Corp., Inc., Cincinnati, Ohio.	
65736	I. A. C. Standard Fertilizer	C. A. Ray, Rocky Hill Guaranteed
66245	†I. A. C. Farmers Favorite Manure	R. H. Lile, Clarkson Guaranteed
66246	I. A. C. Old Kentucky Special	C. M. Langdon, Science Hill Guaranteed
65738	I. A. C. Standard Potash Mixture	Q. F. Combs, Pembroke C. M. Langdon, Science Hill Guaranteed
66248		Harrodsburg Impl. Co., Harrodsburg Guaranteed
66014	†Buffalo Tobacco and Potato Grower	Harrodsburg Impl. Co., Harrodsburg Guaranteed
66017	†Buffalo High Grade Tobacco Special	Harrodsburg Impl. Co., Harrodsburg Guaranteed
65743	†Buffalo Tobacco and Corn Grower	Coffey and Vanhook, Moreland Valley Grocery Co., Fredonia Guaranteed
66018		Geo. W. Richardson, Somerset Guaranteed
65744	Buffalo Corn and Oats Special	S. C. Gray, Eminence Guaranteed
66022	Buffalo High Grade Plant Food	
	The Jarecki Chemical Co., Armour Owned, Louisville, Cincinnati, Nashville.	
66023	†Jarecki's Burley Tobacco Grower	J. C. Everett and Co., Maysville Guaranteed
66026	Jarecki's 0-10-10 Fertilizer	Mullikin and Craig, Bedford Guaranteed

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.10	3.30	13.40			1.08	2.79	3.39			33.2	65999
10.00	2.00	12.00				3.29	4.00			35.5	
9.05	6.55	15.60				0.48	0.58	2.08	0.60	27.1	66232
10.00	2.00	12.00				0.41	0.50	2.00		24.3	
11.70	0.90	12.60						5.33		33.9	66006
10.00	2.00	12.00						6.00		33.8	
7.60	2.85	10.45			1.07	2.28	2.77	4.60	1.37	44.1	66242
8.00	2.00	10.00				2.47	3.00	6.00		45.6	
		26.20	76	24	0.74	2.61	3.17			36.6	66244
		30.00				1.23	1.50			31.4	
8.50	0.90	9.40			1.20	1.65	2.00	2.60		30.8	65736
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
9.80	1.55	11.35			0.60	0.88	1.07	3.03		29.7	66245
10.00	5.00	15.00				0.82	1.00	3.00		30.9	
8.95	1.25	10.20			0.55	0.83	1.01	1.90		24.6	66246
8.00	5.00	13.00				0.82	1.00	2.00		24.9	
10.40	1.25	11.65						5.72		33.3	65738
10.40	1.00	11.40						1.80	3.14	30.8	66248
10.00	5.00	15.00						5.00		32.0	
8.50	1.40	9.90			1.45	2.36	2.87	5.55		44.1	66014
8.00	4.00	12.00				2.47	3.00		6.00	46.4	
10.30	1.10	11.40			0.98	1.60	1.94	4.41		38.7	66017
10.00	4.00	14.00				1.65	2.00		4.00	38.5	
8.10	1.00	9.10			0.94	1.57	1.91	2.88	0.58	32.4	65743
8.10	0.90	9.00			1.09	1.72	2.09		2.07	29.0	66018
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
11.60	1.10	12.70			0.24	0.51	0.62	1.25		24.7	65744
11.00	5.00	16.00				0.41	0.50	1.00		24.0	
10.40	1.30	11.70			1.57	2.41	2.93			30.6	66022
10.00	5.00	15.00				2.47	3.00			31.8	
9.30	1.80	11.10			1.70	2.01	2.44	1.36	3.90	42.5	66023
8.00	1.00	9.00				2.47	3.00		6.00	45.2	
10.20	0.60	10.80						9.07		42.8	66026
10.00	1.00	11.00						10.00		45.4	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Ky. Fertilizer Co., Br. Federal Chemical Co., Inc., Louisville, Ky.	
66031 66253	†O. K. Grain Grower	Smith and Smith, Shepherdsville..... L. R. Hart, Big Clifty..... Guaranteed.....
66032	†O. K. Special	J. L. Siler, Corbin..... Guaranteed.....
66033	O. K. Wheat and Grain Special	Thompson Fertilizer Co., Mt. Sterling..... Guaranteed.....
66034	O. K. Tobacco Fertilizer	Smith and Smith, Shepherdsville..... Guaranteed.....
65755 65756	O. K. High Grade Mixture	J. F. Bertram, Vanceburg..... Sam Carpenter and Co., Maysville..... Guaranteed.....
66035	†Golden Leaf Tobacco Grower	S. Y. Cutshaw, Bedford..... Guaranteed.....
	Louisville Fertilizer Co. (Armour Owned), Louisville, Cincinnati, Nashville,	
66039	Louisville 2-12-2 Fertilizer	Sweeney Bros., Lawrenceburg..... Guaranteed.....
66260 66261	†Louisville 16% Acid Phosphate	Elkin and Kimmel, Greenville..... Yopp Seed Co., Paducah..... Guaranteed.....
65767 66047	†Louisville Burley Tobacco Grower	S. E. Bedford, Glasgow..... Hess and Racke, Alexandria..... Guaranteed.....
	Mt. Pleasant Fertilizer Co., Inc. (Sub. of Va. Car. Chem. Co.), Nashville, Tenn.	
66051	Mt. Pleasant Superior Burley Grower	Nagle Packing Co., Paducah..... Guaranteed.....
65005	Mt. Pleasant 10-4-4	Manufacturer..... Guaranteed.....
65008	Mt. Pleasant Raw Bone Meal	Manufacturer..... Guaranteed.....
66052	Mt. Pleasant 10-4-3 Fertilizer	Nagle Packing Co., Paducah..... Guaranteed.....
66136	Mt. Pleasant Bone and Potash	Manufacturer..... Guaranteed.....
	Price Chemical Co., Inc., Louisville, Ky.	
65777 65778 66268 66269	†Special Corn and Wheat Fertilizer	W. A. Johnson, Brodhead..... H. F. Upchurch, Susie..... Aaron Moore, Leitchfield..... Johnson and Viers Co., Elizabethtown..... Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.50	0.80	11.30			0.54	0.76	0.92	1.68		25.7	66031
9.30	2.00	11.30			0.69	1.04	1.26	1.92		26.8	66253
11.00	4.00	15.00				0.41	0.50		1.00	23.6	
11.20	2.50	13.70			0.34	0.72	0.87	3.97		34.0	66032
11.00	4.00	15.00				0.41	0.50		5.00	35.6	
12.00	1.20	13.20			0.61	0.92	1.12	1.49		28.5	66033
12.00	4.00	16.00				0.82	1.00		1.00	27.5	
9.70	1.10	10.80			0.55	0.86	1.04	3.10		29.5	66034
10.00	4.00	14.00				0.82	1.00		2.00	27.5	
10.40	0.60	11.00			0.64	0.89	1.08	3.22		30.8	65755
10.70	0.70	11.40			0.73	1.02	1.24	3.24		32.2	65756
11.00	4.00	15.00				0.82	1.00		3.00	32.0	
7.20	1.00	8.20			1.37	1.68	2.04	2.21		27.9	66035
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
10.90	1.10	12.00			1.13	2.03	2.46	0.56	2.12	37.0	66039
12.00	1.00	13.00				1.65	2.00	2.00		34.3	
14.50	3.10	17.60								17.4	66260
14.65	2.45	17.10								17.6	66261
16.00	1.00	17.00								19.2	
8.70	1.70	10.40			1.22	2.09	2.54	0.72	4.66	42.4	65767
9.90	1.80	11.70			1.82	2.07	2.51	0.68	4.63	43.9	66047
8.00	1.00	9.00				2.47	3.00		6.00	45.2	
9.90	1.50	11.40			1.02	1.02	1.24	2.79		29.9	66051
8.00	4.00	12.00				1.65	2.00		2.00	29.5	
6.40	14.40	20.80			3.34	3.49	4.24	3.45		46.7	65005
10.00	2.00	12.00				3.29	4.00		4.00	47.5	
		24.90	100		0.52	3.01	3.65			38.0	65008
		22.00				3.71	4.50			39.9	
9.90	2.30	12.20			1.11	1.38	1.68	3.91		35.8	66052
10.00	2.00	12.00				3.29	4.00	3.00		44.5	
11.45	7.40	18.85						2.43		27.4	66136
10.00	4.00	14.00						3.00		25.6	
11.00	1.10	12.10			0.29	0.47	0.57	0.87		22.4	65777
11.60	1.00	12.60			0.36	0.60	0.73	1.51		25.9	65778
11.10	0.80	11.90			0.52	0.73	0.89	1.24		25.1	66268
11.30	1.10	12.40			0.31	0.56	0.68	1.12		24.1	66269
11.00	4.00	15.00				0.41	0.50	1.00		23.6	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
65460	Price Chemical Co., Inc. General Crop Fertilizer	Manufacturer.....
		Guaranteed.....
65462	One-Eight-Three Fertilizer	Manufacturer.....
		Guaranteed.....
65779	Ky. Blue Grass Tobacco Special	I. K. Miller and Sons, Campbellsville..
66055		J. C. Starns, Williamstown.....
66103		A. D. Roberts, Hawesville.....
		Guaranteed.....
66104	Extra H. Gr. Tobacco Fertilizer	F. W. Hudson, Bedford.....
		Guaranteed.....
66056	Old Time Tobacco Fertilizer	P. S. Howard, Wyett.....
66105		W. S. Overstreet, La Grange.....
		Guaranteed.....
66057	3-8-6 Tobacco Grower	M. B. Wallingford, Flemingsburg.....
		Guaranteed.....
66058	Truck and Tobacco Fertilizer	D. M. Hocker, Corbin.....
		Guaranteed.....
65780	H. Gr. Fertilizer	Peoples Store, Loretto.....
		Guaranteed.....
66274	Raw Bone	Peoples Store, Loretto.....
		Guaranteed.....
65783	No. 1 Fertilizer	I. K. Miller and Sons, Campbellsville..
		Guaranteed.....
65588	Three-Eight-Six Tobacco Fertilizer	Manufacturer.....
		Guaranteed.....
	Rasin-Monumental Co. (Sub. Va. Car. Chemical Co.), Cincinnati, Nashville, Memphis.	
66060	Rasin's Sweepstakes Fertilizer	J. H. Wyan, London.....
		Guaranteed.....
65335	Rasin's Pure Bone Meal	Manufacturer.....
		Guaranteed.....
	Read Phosphate Co., Nashville, Tenn.	
65800	†Read's Kentucky Special	J. A. Ramsey and Co., Murl.....
		Guaranteed.....
66280	Read's High Grade Potash Mixture	J. H. Jasper, Somerset.....
		Guaranteed.....
66066	†Read's Pure Raw Bone Meal	M. D. Royse, Winchester.....
		Guaranteed.....
66391	Read's Wheat and Tobacco Special	*.....
		Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.80	0.80	11.60			0.75	0.95	1.15	2.17		28.7	65460
10.00	4.00	14.00				0.82	1.00	2.00		27.5	
8.60	1.00	9.60			0.64	0.86	1.04	3.33		28.5	65462
8.00	4.00	12.00				0.82	1.00	3.00		27.5	
7.60	1.20	8.80			0.87	1.18	1.43	3.76		30.2	65779
8.35	0.65	9.00			0.90	1.25	1.52	3.96		32.2	66055
7.85	0.80	8.65			0.86	1.17	1.42	4.25		31.9	66103
8.00	4.00	12.00				1.23	1.55	4.07		33.0	
9.85	1.15	11.00				1.23	1.55	4.07		36.8	66104
10.00	4.00	14.00				1.65	2.00	4.00		38.5	
8.75	1.00	9.75			1.18	1.49	1.81	0.48	1.38	28.1	66056
7.80	0.85	8.65			1.21	1.65	2.00	1.98		28.0	66105
8.00	4.00	12.00				1.65	2.00	2.00		29.5	
8.15	0.60	8.75			1.92	2.23	2.71	6.13		44.2	66057
8.00	4.00	12.00				2.47	3.00	6.00		46.4	
9.00	0.85	9.85			1.81	2.16	2.62	2.66		34.8	66058
8.00	4.00	12.00				2.47	3.00	3.00		37.4	
9.80	2.20	12.00			0.71	1.36	1.65			23.7	65780
10.00	4.00	14.00				1.65	2.00			26.5	
		17.25	86	14		4.31	5.23			39.7	66274
		22.00				3.71	4.50			39.9	
11.60	1.00	12.60			0.19	0.43	0.52			20.4	65783
12.00	4.00	16.00				0.41	0.50			22.1	
8.90	2.00	10.90			1.22	2.01	2.44	5.92		44.0	65588
8.00	4.00	12.00				2.47	3.00	6.00		46.4	
10.60	4.40	15.00			1.20	1.65	2.00	2.00		33.6	66060
12.00	1.50	13.50				1.65	2.00	2.00		34.5	
		31.50	81	19	0.23	1.24	1.63			33.2	65335
		22.00				2.47	3.00			32.4	
10.40	6.30	16.70			0.20	0.68	0.83	1.76	0.97	30.4	65800
8.00	5.00	13.00				0.41	0.50	4.00		28.5	
11.25	7.65	18.90						2.52		27.5	66280
10.00	8.00	18.00						4.00		30.2	
		23.15	22	78		3.04	3.69			36.8	66066
		20.00				3.71	4.50			38.3	
											66391
8.00	3.00	11.00				1.65	2.00	5.00		38.1	

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Smith Brothers, New Albany, Ind.	
66131	Bone and Potash	Manufacturer----- Guaranteed-----
	Swift and Co., Inc., National Stock Yards, Ill.	
66076	†Swift's Red Steer 3-8-6 Fertilizer	Green and Duff, Mt. Sterling----- W. C. Bonta, Pleasureville----- Guaranteed-----
66107	†Swift's Diamond "B" Fertilizer	W. E. Burress, Greensburg----- Guaranteed-----
65818	†Swift's Red Steer 2-12-6 Fertilizer	South Somerset Mills, Somerset----- Guaranteed-----
66077	†Swift's Red Steer 2-16-2 Fertilizer	D. I. and S. F. Klapp, Clinton----- Guaranteed-----
65821	Swift's Grain and Tobacco Grower	Hoy McClure, Somerset----- Guaranteed-----
66289	†Swift's Champion Wheat and Corn Grower	J. B. Marriott, Cecilia----- Guaranteed-----
65823	†Swift's Diamond "W" Vegetable and Tobacco Grower	Jno. P. Marriott, Cecilia----- I. K. Miller and Sons, Campbellsville----- Guaranteed-----
66078		W. L. Anderson and Sons, Caneyville----- Guaranteed-----
66290	Swift's Superphosphate	
	Tennessee Chemical Co. (Armour Owned), Louisville, Cincinnati, Nashville.	
65833	Ox Dark Tobacco Grower	R. E. Moore, Madisonville----- J. S. Duke, Crab Orchard----- Guaranteed-----
65834		J. M. Johnson, Benton----- Guaranteed-----
66082	†Ox 2-12-6 Fertilizer	C. F. Roberts and Co., Olive Hill----- Guaranteed-----
66383	†Ox 2-10-4 Fertilizer	W. F. Grainger, Franklin----- Guaranteed-----
65836	†Ox Bone Meal	Sexton Bros., Murray----- Guaranteed-----
66309	†Ox 16% Acid Phosphate	The T. J. Turley Co., Owensboro----- Guaranteed-----
66090	Ox Special Tobacco Guano	

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.20 10.00	1.10 2.00	11.30 12.00						1.68 2.00		20.8 21.8	66131
8.05 9.80 8.00 8.55 8.00	4.10 3.80 3.00 3.70 3.00	12.15 13.60 11.00 12.25 11.00			2.12 1.85	2.12 2.06 2.47	2.57 2.50 3.00	5.24 5.29 6.00		42.2 44.5 46.0	66076 66107
13.05 12.00 15.70 16.00 12.80 10.00	0.95 1.00 1.10 1.00 0.80 3.00	14.00 13.00 16.80 17.00 13.60 13.00			1.96 1.77 1.42 1.15	1.96 1.47 1.42 1.15 1.65	2.38 3.00 1.72 1.40 2.00	4.99 5.00 2.20 2.87 4.00		41.0 43.0 39.1 35.0 38.1	65818 65819 66077 65821
11.90 12.00	1.45 3.00	13.35 15.00			1.62	1.62 1.65	1.97 2.00	1.96 2.00		34.0 35.1	66289
9.25 7.30 8.00 8.00 8.00	2.75 3.00 3.00 1.00 3.00	12.00 10.30 11.00 9.00 11.00			1.52 1.57 1.51	1.52 1.57 1.65 1.51 1.65	1.85 1.91 2.00 1.83 2.00	2.00 3.38 3.00 1.87 2.00		30.1 31.7 32.1 27.1 29.1	65823 66078 66290
8.95 8.45 8.00 11.35 12.00 10.25 10.00	1.80 0.45 1.00 1.15 1.00 1.50 1.00	10.75 8.90 9.00 12.50 13.00 11.75 11.00 24.00	77	23	1.92 0.80 0.88 1.03 0.47	2.72 1.45 1.65 1.61 3.90 2.47	3.30 1.76 2.00 1.95 1.98 2.00 4.73 3.00	1.80 4.00 4.00 3.39 4.00	0.54 3.53 4.00	32.1 32.2 34.3 44.6 46.3 35.9 37.3 42.6 36.4 18.2 19.2 29.6 31.3	65833 65834 66082 66383 65836 66309 66090
15.20 16.00 9.60 10.00	3.30 1.00 1.90 1.00	18.50 17.00 11.50 11.00			1.37	2.21 1.65	2.68 2.00	0.40 2.00	2.00		

TABLE II.

Station Number	Name and Address of Manufacturer and Name of Brand	From Whom Obtained
	Virginia-Carolina Chemical Co., Inc., Cincinnati, Nashville, Memphis.	
65855	†V. C. 2-8-4 Tobacco Special (Potash from Sulphate)	C. B. Carden and Co., Hartford..... Guaranteed.....
65857	†V. C. Raw Bone Meal	Jas. Rice, Adairville..... Guaranteed.....
	Wood, Stubbs and Co., Store, Louisville, Ky.	
65539	Acme Crop Booster	Manufacturer..... Guaranteed.....
65889	Acme Br. Blue Ribbon Potato Grower	Manufacturer..... Guaranteed.....

TABLE II.

PHOSPHORIC ACID			PERCENTAGE OF FINENESS		NITROGEN		Equivalent to Ammonia	POTASH		Index of Relative Value	Station Number
Available	Insoluble	Total	Fine Bone	Medium Bone	Water Soluble	Total		Muriate	Sulfate		
10.35 8.00	6.30 1.50	16.65 9.50 23.50 20.00	100		1.77	1.97 1.65	2.39 2.00	3.49	4.00	40.3 34.5	65855
					0.55	2.82 3.71	3.42 4.50			35.7 38.3	65857
11.60 10.00	0.65 2.00	12.25 12.00									
8.95 8.00	1.60 4.00	10.55 12.00			1.19	1.99 2.47	2.42 3.00	0.68	6.07 6.00	46.3 46.4	65889

